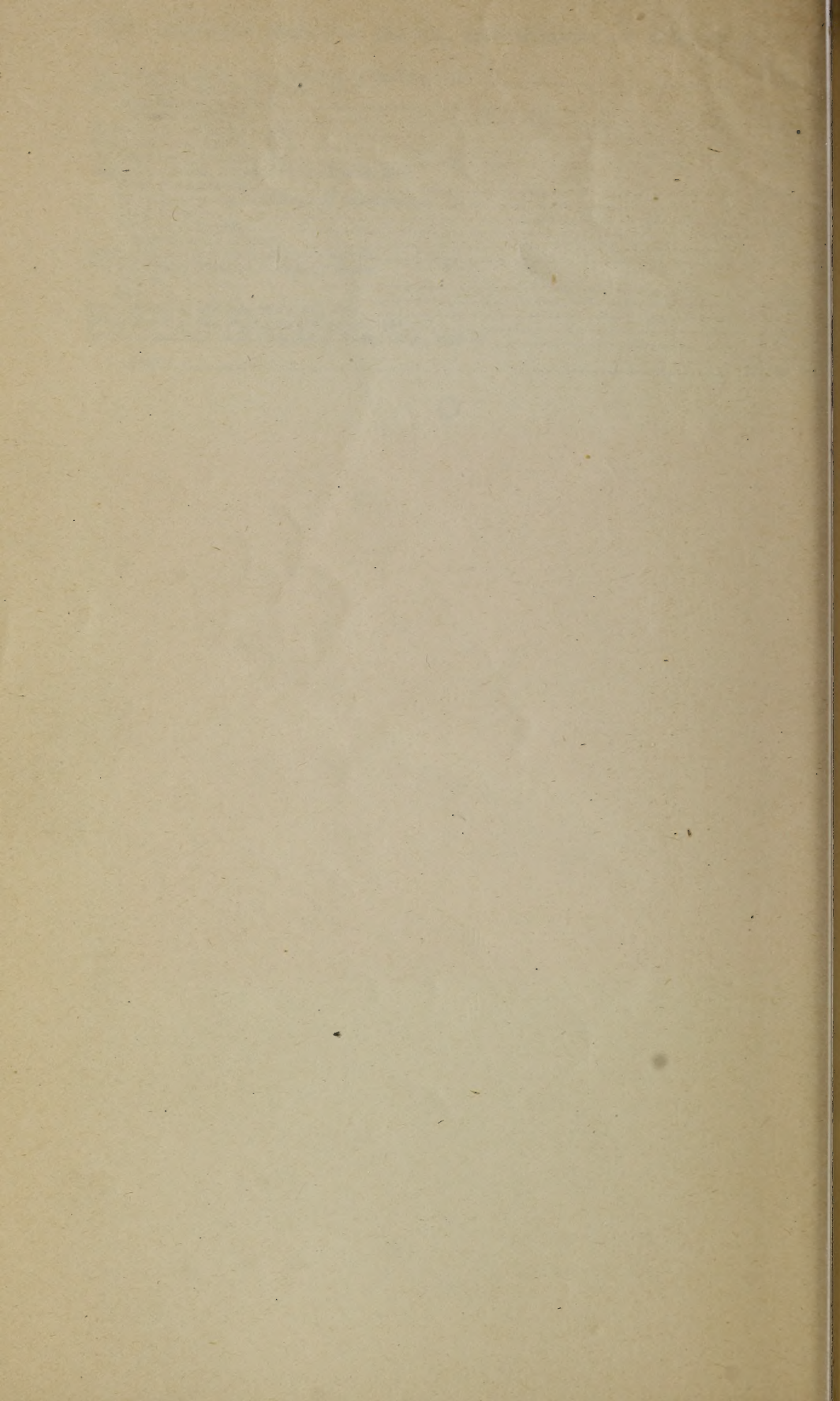


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# EXPENDITURES FOR TRAVEL

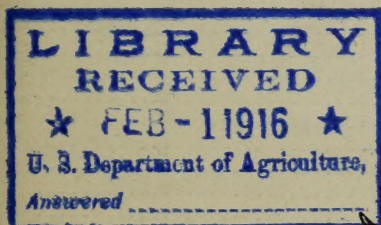
FROM WASHINGTON TO POINTS OUTSIDE  
OF THE DISTRICT OF COLUMBIA

PERFORMED BY CERTAIN OFFICERS  
AND EMPLOYEES OF THE

DEPARTMENT OF AGRICULTURE

DURING THE FISCAL YEAR  
ENDED JUNE 30

1915



DECEMBER 7, 1915.—Referred to the Committee on Expenditures in the  
Department of Agriculture and ordered to be printed

WASHINGTON  
GOVERNMENT PRINTING OFFICE

1916



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## LETTER OF TRANSMITTAL.

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DEPARTMENT OF AGRICULTURE,  
*Washington, December 3, 1915.*

SIR: As required by the act approved May 22, 1908 (35 Stat. L., 244), I have the honor to transmit herewith a statement showing in detail the travel, from Washington to points outside of the District of Columbia, performed by officers and employees (other than special agents, inspectors, and employees who in the discharge of their regular duties are required to constantly travel) of the Department of Agriculture during the fiscal year 1915.

A copy of this report has also been transmitted to the President of the Senate.

Very respectfully,

D. F. HOUSTON,  
*Secretary.*

THE SPEAKER OF THE HOUSE OF REPRESENTATIVES.

## EXPENDITURES FOR TRAVEL.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside the District of Columbia during the fiscal year 1915, together with their official titles, destination or destinations of such travel, the business or work on account of which the same was made, and the total expense to the United States charged in each case. (35 Stat. L., p. 244.)*

## OFFICE OF THE SECRETARY.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Augusterfer, R. ....	Chief engineer.....	Schenectady, N. Y. (Aug. 5-8, 1914).....	To inspect 4 induction motors and switch-board which were being made for the Bureau of Chemistry.	\$29. 85	General expenses, Bureau of Chemistry, 1915 (agricultural investigations).
Do.....	do.....	Barberton, Ohio (Oct. 25-28, 1914).....	To inspect a boiler under construction for installation in the heating plant in the department.	32. 35	Miscellaneous expenses, Department of Agriculture, 1915.
Burns, John M.....	Law clerk.....	Baltimore, Md. (May 17-19, 1915).....	To make search for the heirs of D. M. Reese in connection with the examination of a title to lands in Tennessee to be acquired under the Weeks forestry law.	9. 80	Acquisition of lands for protection of watersheds of navigable streams.
Caffey, Francis G.....	Solicitor.....	San Francisco, Cal.; Portland, Oreg.; Missoula, Mont.; and various points in the States of Arizona, California, Oregon, and Montana (Apr. 22-May 30, 1915).	To investigate problems as to timber sales, grazing, development of power, etc., on national forests, and to visit offices of assistants to the Solicitor at various Forest Service headquarters.	297. 75	General expenses, Forest Service, 1915 (general administration).
Callander, W. F.....	Private secretary to the Secretary of Agriculture.	St. Paul, Minn.; Ames, Iowa; Madison, Wis.; Manhattan, Topeka, Kans. (Jan. 11-21, 1915).	To accompany the Secretary of Agriculture on a trip to points named.	147. 50	General expenses, Bureau of Plant Industry, 1915 (demonstrations outside cotton belt).
Do.....	do.....	Greenville, Calhoun, S. C. (Mar. 23-26, 1915).	To report on a conference of live-stock extension workers, State agents, and officials of the Department of Agriculture, concerning policies to be followed in creamery and live-stock extension work.	41. 45	General expenses, Bureau of Animal Industry, 1915 (dairy industry).
Clarke, H. H.....	Law clerk.....	Milton, Jacksonville, Fla. (Sept. 12-18, 1914).	To take testimony in a homestead contest.....	90. 34	General expenses, Forest Service, 1915 (general administration).
Do.....	do.....	Hot Springs, Malvern, Texarkana, Little Rock, Harrison, Ark. (May 5-19, 1915).	To assist United States attorney in prosecution of a case in which the department was interested, and to confer with United States attorneys and forest supervisors relative to timber and fire trespass cases.	116. 51	
Cline, W. S.....	Photographer.....	Various national forests in the States of Arizona, New Mexico, Colorado, California, Montana, Oregon, Washington (July 1-Sept. 14, 1914).	To secure motion pictures showing the various activities of the Forest Service on the national forests.	149. 65	General expenses, Forest Service, 1915 (miscellaneous forest investigations).
Cronin, P. D.....	Law clerk.....	Baltimore, Md. (July 1, 1914); Wilmington, Del. (July 22, 23, 1914).	To confer with United States attorneys relative to the prosecution of pending food and drug cases.	12. 65	Enforcement of the food and drugs act, 1915.



### EXPENDITURES FOR TRAVEL.

Do.	do.	Charleston, Huntington, W. Va.; Cincinnati, Ohio; Louisville, Ky.; Indianapolis, Ind.; St. Louis, Mo.; Peoria, Ill.; Davenport, New Hampton, Iowa; Richmond, Va. (Aug. 10-31, 1914).	173.86	Do.
Do.	do.	Milwaukee, Wis.; Chicago, Ill. (Sept. 1-12, 1914).	72.70	Do.
Do.	do.	San Francisco, Los Angeles, Cal.; Chicago, Ill.; Milwaukee, Wis.; St. Louis, Kansas City, Mo.; Denver, Colo.; Salt Lake City, Utah (Oct. 1-31, 1914).	310.47	Do.
Do.	do.	Philadelphia, Pa. (Oct. 1-31, 1914).	12.75	Do.
Do.	do.	Chicago, Ill.; Toledo, Ohio; Pittsburgh, Pa. (May 2-8, 1915).	71.26	Do.
Do.	do.	Richmond and Petersburg, Va.; Macon, Augusta, Camak, and Atlanta, Ga.; Chattanooga, Knoxville, Nashville, and Memphis, Tenn. (May 23-31, 1915).	109.96	Do.
Do.	do.	Chicago, Ill. (June 6-12, 1915).	69.30	Do.
Do.	do.	New York and Albany, N. Y.; Boston, Mass. (June 16-23, 1915).	59.45	Do.
Dixon, W. D.	Stable foreman.	New York, N. Y. (July 26-29, 1914).	18.55	Miscellaneous expenses, Department of Agriculture, 1915.
Forbes, E. E.	Auditor.	Atlanta, Ga. (Apr. 26-May 2, 1915).	65.95	Do.
Gates, Otis H.	Law clerk.	New York and Brooklyn, N. Y. (July 16, 1914).	22.80	Enforcement of the insecticide act, 1915.
Do.	do.	Chicago, Ill. (Oct. 15-17, 1914).	67.25	Do.
Georgens, G. R.	Motion-picture operator.	Terre Haute and Hooperton, Ind.; Eureka, Ohio; Chicago, Ill. (Aug. 22-29, 1914).	82.16	Enforcement of the food and drugs act, 1915.
Graves, Frank.	Clerk.	Upper Marlboro, Md. (Jan 4, 1915).	1.28	Acquisition of lands for protection of watersheds of navigable streams.
Do.	do.	Upper Marlboro, Md. (Jan. 23, 1915).	1.18	Do.
Do.	do.	Somersworth and Woodsville, N. H. (Apr. 1-May 29, 1915).	198.83	Do.
Do.	do.	Annapolis, Md., and Alexandria, Va. (June 10, 1915).	2.55	Do.



*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

## OFFICE OF THE SECRETARY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Henderson, W. C.	Law clerk.	Portland, Me.; Boston, Mass. (July 10-Aug. 3, 1914).	To attend conference between committee on food standards, Association of Official Agricultural Chemists, and Association of State and National Food, Drug, and Dairy Departments.	\$80.13	Enforcement of the food and drugs act, 1915.
Horgan, J. B.	do.	Philadelphia, Pa. (Oct. 8, 9, 1914).	To confer with United States attorney relative to prosecution of food and drug case.	11.35	Do.
Houston, D. F.	Secretary of Agriculture.	Seymour, Ind. (Oct. 8-10, 1914).	To deliver an address on "What the department is doing for the farmers" at the opening of a farmers' club.	42.89	Miscellaneous expenses, Department of Agriculture, 1915.
Do.	do.	Aberdeen, N. C. (Dec. 15-21, 1914).	To address the Sand Hill Farmer's Association.	26.50	Do.
Do.	do.	Various district and national forest headquarters in New Mexico, Arizona, California, Oregon, Washington, Montana, Colorado (Apr. 27-May 30, 1915).	To make a general inspection and secure firsthand information of the work of the Forest Service outside of Washington, D. C.	496.66	General expenses, Forest Service, 1915 (general administration).
Do.	do.	St. Paul, Minn.; Ames, Iowa; Madison, Wis.; Manhattan, Topeka, Kans. (Jan. 11-21, 1915).	To address students at the University of Minnesota at St. Paul, the Iowa State College at Ames, and the College of Agriculture at Manhattan; to deliver an address before the Kansas State Board of Agriculture at Topeka.	147.50	General expenses, Bureau of Plant Industry, 1915 (demonstrations outside cotton belt).
Do.	do.	Newbern, N. C. (Feb. 10-12, 1915).	To deliver an address on agriculture at the industrial dinner given by the Chamber of Commerce of Newbern.	25.80	General expenses, Bureau of Plant Industry, 1915 (farmers' cooperative demonstrations).
Jacques, M. F.	Cabinetmaker.	Wichita, Kans. (Sept. 24-Oct. 21, 1914).	To assist in the installation and demonstration of the exhibit of the department at the International Dry-Farming Congress, Wichita, Kans.	166.22	International Dry-Farming Congress, Wichita, Kans., 1915.
Jones, W. P.	Law clerk.	New York, N. Y.; Boston, Mass. (Oct. 12-20, 1914).	To prepare for trial a case under food and drugs act.	43.20	Enforcement of the food and drugs act, 1915.
Do.	do.	New York, N. Y. (Mar. 3-5, 1915).	To confer with representatives of Treasury Department regarding revision of customs regulations, and to confer with assistant corporation counsel for city of New York relative to case pending under municipal laws involving the use of saccharin in food.	25.15	Do.
Klein, Martin M.	Cooperative agent.	Alexandria, Va. (July 9-Nov. 14, 1914).	To assist in the preparation, handling, and disposition of the exhibit of the department displayed at the International Dry-Farming Congress, Wichita, Kans.	40.00	International Dry-Farming Congress, Wichita, Kans., 1915.

## EXPENDITURES FOR TRAVEL.



## EXPENDITURES FOR TRAVEL.

7

Lamson-Scribner, F.	Expert on exhibits.....	Wichita, Kans. (Oct. 13-22, 1914).....	To supervise the preparation and display of the exhibit of the department at the International Dry-Farming Congress, Wichita, Kans.	115.52	Do.
Lees, Fred.	Law clerk.....	San Francisco, Cal. (June 28-30, 1915; trip not completed 1915).	To relieve and perform duties of the assistants to the Solicitor for a temporary period.	129.97	General expenses, Forest Service, 1915 (general administration).
McConville, Arthur H.	do.....	Richmond, Va.; Raleigh, N. C.; and Bristol, Johnson City, Nashville, Tenn. (July 17-24, 1914).	To confer with the title attorneys in the field regarding the examination of titles to lands to be acquired under the Weeks forestry law.	95.23	Acquisition of lands for protection of watersheds of navigable streams.
Do.	do.....	Woodstock, Va. (Aug. 9-10, 1914).	do.....	11.90	Do.
Do.	do.....	Raleigh and Marion, N. C.; Johnson City and Nashville, Tenn. (Sept. 13-25, 1914).	do.....	83.21	Do.
Do.	do.....	Greensboro, Charlotte, Statesville, and Marion, N. C. (Nov. 18-23, 1914).	do.....	45.85	Do.
Do.	do.....	Marion, Asheville, and Franklin, N. C.; Clayton and Blue Ridge, Ga.; Knoxville, Johnson City and Bristol, Tenn. (Jan. 22-Feb. 2, 1915).	do.....	95.66	Do.
Do.	do.....	Roanoke and Richmond, Va.; Bristol and Johnson City, Tenn. (Apr. 13-17, 1915).	do.....	44.98	Do.
Do.	do.....	Luray, Va.; Martinsburg, W. Va. (June 13-16, 1915).	do.....	14.43	Do.
Miles, Clarence E.	do.....	Somersworth, Woodsville, N. H. (Apr. 1-13-16, 1915).	To prepare and submit reports on titles to lands in New Hampshire, approved by the National Forest Reservation Commission for purchase under the Weeks forestry law.	205.32	Do.
Ormsby, A. A.	Clerk.....	Charlotte, Va. (July 5-7, 1914).....	To inspect and dispose of unserviceable property of the Bureau of Chemistry.	18.65	Enforcement of the food and drugs act, 1915.
Do.	do.....	Wichita, Kans. (Sept. 24-Oct. 21, 1914).....	To assist in the preparation, installation, and demonstration of the exhibit of the department at the International Dry-Farming Congress, Wichita, Kans.	175.47	International Dry-Farming Congress, Wichita, Kans., 1915.
Quiggle, E. B.	Law clerk.....	Salisbury, N. C. (Mar. 6-13, 1915).....	To confer with members of the New Orleans Cotton Exchange in reference to the administration of the United States cotton futures act.	86.35	Determining cotton standards and spot markets.
Do.	do.....	New York, N. Y. (Apr. 20-24, 1915).....	To confer with members of the New York Stock Exchange in reference to the administration of the United States cotton futures act.	17.05	Do.
Shuck, W. L.	Accountant.....	New York, N. Y. (June 8-13, 1915).....	To confer with the United States dispatch agent regarding transportation of foreign shipments in which the department was interested.	28.70	Miscellaneous expenses, Department of Agriculture, 1915.
Syfrig, H. W.	Clerk.....	Carlisle, Sunbury, Philadelphia, Pa. (Sept. 2-25, 1914).	To perform stenographic and clerical work in connection with an investigation of alleged official misconduct on the part of an employee of the department.	31.79	Enforcement of the food and drugs act, 1915.
Do.	do.....	Scranton, Pa. (Oct. 30, 31, 1914).	do.....	19.31	Do.
Do.	do.....	Pittsburgh, Pa. (Mar. 21-26, 1915).....	do.....	34.75	Meat inspection, 1915.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

## OFFICE OF THE SECRETARY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Vrooman, Carl.....	Assistant Secretary...	Raleigh, Durham, N. C. (Oct. 2-5, 1914).....	To deliver an address before the North Carolina Agricultural and Mechanical College.	\$27. 20	Miscellaneous expenses, Department of Agriculture, 1915.
Do.....	do.....	Johnstown, Pa. (Oct. 21, 1914).....	To deliver an address before the Johnstown Chamber of Commerce on the farm bureau movement.	18. 64	Do.
Do.....	do.....	Trenton, N. J. (Nov. 17, 18, 1914).....	To deliver an address before the Trenton Chamber of Commerce.	12. 45	Do.
Do.....	do.....	Newark, Del. (Nov. 19, 1914).....	To deliver an address before the Agricultural College of Delaware.	6. 25	Do.
Do.....	do.....	Lansing, Mich.; Chicago, Ill.; Kansas City, Mo.; Meadville, Pa. (Dec. 4-12, 1914).	To deliver addresses before a meeting of the State and county agents at Chicago, before a conference of State and Government officials at Kansas City, before the State Grange Association at Meadville, and before the National Association of Gleaners at Lansing.	123. 09	Do.
Do.....	do.....	Philadelphia, Pa. (Dec. 30, 1914).....	To deliver an address on the advancement of science before the American Society of Political and Social Sciences.	14. 00	Do.
Do.....	do.....	New York, N. Y. (Jan. 28-29, 1915).....	To deliver an address before the National Forward to the Land Movement.	18. 95	Do.
Do.....	do.....	Purcellville, Va.; New York, N. Y. (Feb. 13-17, 1915).	To deliver addresses before a farmers' organization at Purcellville and before the Back to the Land Movement, in New York City.	42. 45	Do.
Do.....	do.....	Muskogee, Okla.; Columbus, Ohio; Chicago, Ill. (Apr. 22-May 2, 1915).	To deliver addresses before the Southern Commercial Congress at Muskogee and the State Agricultural College at Columbus; to confer with officials of the department at Chicago regarding foot-and-mouth disease work.	135. 89	Do.
Do.....	do.....	Amherst, Woods Hole, Boston, Mass. (June 16-21, 1915).	To deliver an address before State College at Amherst; to investigate dairy herds at Woods Hole; and to confer with department officials at Boston.	32. 93	Do.
Wharton, G. W.....	Chief, Office of Information.	Madison, Wis.; Chicago, Ill. (June 22-27, 1915).	To represent the department at meeting of college editors.	71. 15	Do.
Williams, R. W.....	Law clerk.....	Norfolk, Va. (May 2-3, 1915).....	To assist the United States attorney in prosecuting violations of the Lacey Act, regulating interstate commerce in game.	11. 80	General expenses, Bureau of Biological Survey, 1915 (game preservation).
Do.....	do.....	Norfolk, Va. (May 6-7, 1915).....	do.....	15. 50	Do.
Do.....	do.....	Baltimore, Md. (May 14, 1915).....	do.....	1. 85	Do.

Do.....do.....	Chicago, Ill. (May 21-31, 1915)	To compile statement showing expenses incurred incident to the quarantine of dairy show animals at Chicago, Ill., on account of being affected with or exposed to foot-and-mouth disease.	74.40	Eradication of foot-and-mouth and other contagious diseases of animals, 1915-16.
<b>WEATHER BUREAU.</b>				
Blair, William.....	Professor of meteorology.	Mount Weather, Va. (Jan. 15, 1915).....	\$5.75	General expenses, Weather Bureau, 1915 (traveling expenses).
Do.....	do.....	do.....	Do.	Do.
Do.....	do.....	Mount Weather, Va. (Feb. 26, 1915).....	5.00	Do.
Do.....	do.....	Mount Weather, Va. (Apr. 13-14, 1915).....	6.00	Do.
Do.....	do.....	Mount Weather, Va. (May 24, 1915).....	5.10	Do.
Do.....	do.....	Baltimore, Md. (June 11, 1915).....	2.05	Do.
Do.....	do.....	Baltimore, Md. (June 28, 1915).....	2.05	Do.
Bowie, Edward H.....	District forecaster.	Cleveland, Ohio; Iscanaba, Marquette, Houghton, Sault Ste. Marie, Grand Rapids, Grand Haven, Ludington, Saginaw, Alpena, Detroit, Lansing, Mich.; Fort Wayne, Ind. (Oct. 21-Nov. 23, 1914). Chicago, Ill. (May 3-June 2, 1915).....	234.55	Do.
Do.....	do.....	New York, N. Y.; Philadelphia, Pa.; Hartford, Conn.; Trenton, Long Branch, Sandy Hook, N. J.; and such points in New Jersey as may be necessary (June 17-23, 1915).	167.10	Do.
Do.....	do.....	Mountains of North Carolina and Georgia (May 2-26, 1915).	63.59	Do.
Covert, Roy N.....	Clerk, class 2.	Drexel, Nebr. (Jan. 28-Feb. 12, 1915; on leave Feb. 3-S, 1915).	124.55	Do.
Francis, Fred L.....	Skilled mechanic.	Philadelphia, Pa.; Atlantic City, Cape May, N. J.; New York, Albany, N. Y. (July 6-23, 1914).	74.83	Do.
Frankenfield, Harry C.....	Professor of meteorology.	Birmingham, Ala.; Trenton, N. J.; Reading, Scranton, Pa. (Sept. 3-21, 1914).	101.70	Do.
Do.....	do.....	Montgomery, Birmingham, Ala.; Nashville, Tenn.; Lexington, Louisville, Ky.; Indianapolis, Terre Haute, Ind.; Springfield, Ill.; St. Louis, Mo. (Apr. 1-29, 1915).	80.44	Do.
Do.....	do.....	Mount Weather, Va. (Jan. 6-9, 1915).....	200.82	Do.
Gregg, Willis R.....	Meteorologist.	Mount Weather, Va. (Jan. 12-15, 1915).....	8.35	Do.
Do.....	do.....	Mount Weather, Va. (Jan. 27-30, 1915).....	8.35	Do.
Do.....	do.....	Mount Weather, Va. (Feb. 16-17, 1915).....	7.43	Do.
Do.....	do.....	Mount Weather, Va. (Apr. 2-S, 1915).....	6.00	Do.
Do.....	do.....	Mount Weather, Va. (May 26-June 1, 1915).	7.60	Do.
Do.....	do.....	Mount Weather, Va. (June 9, 1915).....	8.85	Do.
Do.....	do.....	To assist in disposition of property.....	4.00	Do.



*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

## WEATHER BUREAU—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Henry, Alfred J.....	Professor of meteorology.	Houston, Taylor, Austin, San Antonio, El Paso, Tex.; Wagon Wheel Gap, Denver, Colo.; Cheyenne, Wyo.; Huron, S. Dak.; Wausau, Wis.; Pittsburgh, Franklin, Oil City, Warren, Lock Haven, Williamsport, Harrisburg, Pa. (July 15-Aug. 25, 1914). Baltimore, Md. (Oct. 1, 1914).....	To inspect Weather Bureau stations and sub-stations and confer with officials in regard to the work of the river and flood division and mountain snowfall service.	\$334. 27	General expenses, Weather Bureau, 1915 (traveling expenses).
Humphreys, William J.	Professor of meteorological physics.		To consult with Dr. Reid, of Johns Hopkins University, in regard to cooperative work in seismology.	2. 55	Do.
Kimball, Herbert H.	Professor of meteorology.	Mount Weather, Va. (Aug. 3-7, 1914).....	To conduct solar radiation investigations.....	2. 70	Do.
Do.....	do.....	Mount Weather, Va. (Aug. 10-14, 1914).....	do.....	2. 70	Do.
Do.....	do.....	Mount Weather, Va. (Aug. 17-21, 1914).....	do.....	2. 70	Do.
Do.....	do.....	Mount Weather, Va. (Sept. 14-18, 1914).....	do.....	2. 70	Do.
Do.....	do.....	Chicago, Ill.; Madison, Wis.; Drexel, Lincoln, Neb.; Santa Fe, N. Mex. (Mar. 24-Apr. 15, 1915). Mountains of North Carolina and Georgia (May 2-26, 1915). Lincoln, Neb., via Davenport, Iowa (June 25-30, 1915). Sandy Hook, N. J., via New York, N. Y. (Aug. 31-Sept. 3, 1914).	do.....	225. 96	Do.
Do.....	do.....		To make nocturnal radiation measurements.....	162. 23	Do.
Do.....	do.....		To install solar radiation apparatus.....	60. 30	Do.
Maring, Delos T.....	Chief of Division of Stations and Accounts.		To make final inspection of new Weather Bureau building.	28. 40	Do.
Do.....	do.....	Cincinnati, Ohio; Kendallville, Ind.; Detroit, Saginaw, Lansing, Grand Rapids, Port Huron, Mich.; Pittsburgh, Pa.; Toledo, Ohio (Oct. 3-17, 1914; on leave Oct. 9-14, 1914). Cincinnati, Ohio; Parkersburg, W. Va. (Feb. 20-21, 1915).	To inspect Weather Bureau building in course of construction at Cincinnati, inspect supplies at Kendallville, and consult Weather Bureau officials at other stations relative to Weather Bureau accounts.	79. 50	Do.
Do.....	Chief of Division of Stations and Accounts.		To inspect Weather Bureau building in course of construction at Cincinnati and consult with the official at Parkersburg relative to Weather Bureau accounts.	53. 83	Do.
Marvin, Charles F.....	Chief of bureau.....	Mount Weather, Va. (Nov. 24-25, 1914).....	To direct transfer of scientific work to Washington, D. C., and elsewhere.	7. 00	Do.
Do.....	do.....	Philadelphia, Pa. (Dec. 28-30, 1914).....	To attend meeting of the American Association for the Advancement of Science.	18. 95	Do.
Do.....	do.....	New York, N. Y., and Sandy Hook, N. J. (Jan. 13-16, 1915).	To attend Aero Club meeting and inspect station at Sandy Hook, N. J., and substation at Long Branch, N. J.	29. 04	Do.



Do.....	Do.....	Detroit, Mich.; Cleveland, Columbus, Ohio (Jan. 20-26, 1915).	To attend Lake Carriers' Association meeting in Detroit and consult with Weather Bureau officials.	66.68	Do.
Do.....	Do.....	St. Louis, Mo.; Oklahoma, Okla.; Amarillo, Fort Worth, Dallas, Aulene, El Paso, Tex.; Maricopa, Phoenix, Ariz.; Los Angeles, Palo Alto, Berkeley, San Francisco, Oakland, Cal.; Medford, Portland, Oreg.; Tacoma, Seattle, Spokane, Wash.; Boise, Idaho; Salt Lake City, Utah; Pueblo, Wagon Wheel Gap, Denver, Colo.; Elkhorn, Omaha, Drexel, Nebr.; Chicago, Ill.; Cincinnati, Ohio (May 3-June 19, 1915).	To inspect Weather Bureau stations and work to obtain first-hand information relative to Weather Bureau work.	401.44	
Smith, Herman W.....	Clerk, class 3.....	Cumberland, Md.; Harpers Ferry, W. Va. (Apr. 5-7, 1915).	To inspect river stations.....	17.01	Do.
Weed, Arthur J.....	Skilled mechanic.....	Mount Weather, Va. (Apr. 2-7, 1915)	To assist in disposition of property.....	10.60	Do.
Wilkins, John W.....	Unskilled laborer.....	Mount Weather, Va. (Jan. 6-8, 1915).....	To care for three Weather Bureau horses shipped from Mount Weather to Washington, D. C.	6.39	Do.

## BUREAU OF ANIMAL INDUSTRY.

Abel, Joseph.....	Assistant in animal industry exhibit.....	Wichita, Kans. (Sept. 26-Oct. 22, 1914).....	To assist in the preparation, installation, and demonstration of the exhibit of the department at the International Dry-Farming Congress, Wichita, Kans.	\$165.82	International Dry-Farming Congress, Wichita, Kans., 1915.
Ackley, C.....	Veterinary inspector.....	Columbus, Ohio; Chicago, Quincy, Ill.; Niles, Mich.; South Bend, Ind.; Des Moines, Iowa.; Pittsburgh, Pa. (May 21-June 9, 1915).	To check records of the eradication of foot-and-mouth disease.	149.20	Eradication of foot-and-mouth and other contagious diseases of animals, 1915-16.
Do.....	Do.....	Philadelphia, Pa.; New York, Buffalo, N. Y.; Providence, R. I.; Boston, Springfield, Mass. (June 14-26, 1915).	do.....	67.97	Do.
Anthony, G. A.....	Lay inspector.....	Alexandria, Purcellville, Leesburg, Va. (Aug. 23, 1914-May 23, 1915).	To inspect meat in official establishments.....	39.60	Meat inspection, 1915.
Ashbrook, Frank G.....	Junior animal husbandman.....	Beltsville, Bowie, Miliken, Mitchellville, Md. (June 1, 1914-Jan. 26, 1915).	To supervise hog feeding and breeding experiments being conducted at the bureau experimental farm at Beltsville, Md.	29.47	General expenses, Bureau of Animal Industry, 1915 (animal husbandry).
Do.....	Do.....	Beltsville, Md. (Feb. 2-June 28, 1915).....	do.....	76.97	Eradication of foot-and-mouth disease, 1915.
Ayers, S. H.....	Dairy bacteriologist.....	Chicago, Ill. (Oct. 21-31, 1914).....	To assist in student judging contest at dairy show and to give lectures at meeting of International Dairy and Milk Inspectors' Association, the Illinois Ice Cream Manufacturers' meeting, and at the meeting of the National Association of Ice Cream Manufacturers.	78.70	General expenses, Bureau of Animal Industry, 1915 (dairy industry).

## EXPENDITURES FOR TRAVEL.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

## BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Bain, J. B.	Dairy husbandman.	Baltimore, Westminster, Frederick, Point of Rocks, Poolesville, Silver Run, Md.; Leesburg, Va. (Nov. 20-Dec. 31, 1914, at Westminster, Md.).	To assist in eradicating foot-and-mouth disease.	\$97.43	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.	do.	Points in State of Maryland (Jan. 1-31, 1915).	do.	75.11	Eradication of foot-and-mouth disease, 1915.
Do.	do.	Baltimore and Pylesville, Md., and Woodbine, Pa. (Feb. 22-25, 1915).	To confer with parties regarding dairy farm work and the cost of producing milk.	7.59	Do.
Do.	do.	Buffalo and New York, N. Y.; Northampton, Amherst, Springfield, and Boston, Mass.; Durham, N. H.; Chicago, Ill.; Madison, Wis.; Lafayette, Ind.; Cincinnati, Ohio; Richmond, Va., and Raleigh, N. C. (Mar. 10-19, 1915).	To explain proposed dairy work with the object of securing cooperation in carrying on the work.	124.24	Do.
Do.	do.	Baltimore and Bel Air, Md. (Apr. 17, 1915).	To attend and address meeting of dairymen, and assist in perfecting organization of cow-testing association.	4.72	Do.
Do.	do.	Lafayette, Ind.; Buffalo and Ithaca, N. Y., and Lansing, Mich. (Apr. 29-May 6, 1915).	To arrange details for proposed cooperative work with officials of the States of Indiana and New York. To Lansing to confer with party on cooperative dairy work.	72.09	Do.
Do.	do.	Raleigh, N. C. (May 12-14, 1915).	To work out details of cooperative work to be carried on with the North Carolina experiment station.	24.80	Do.
Do.	do.	Annapolis, Md. (May 20, 1915).	To assist in the monthly inspection of milk and herd at the Naval Academy.	2.55	Do.
Do.	do.	To points in the State of North Carolina (June 13-18, 1915).	To present proposed cooperative work to farmers and ascertain how many would take up the work.	46.99	Do.
Bell, G. Arthur	Senior animal husbandman.	Beltsville, Md. (July 3-6, 1914).	To supervise mule and colt experiments being conducted at the experimental farm at Beltsville.	.20	General expenses, Bureau of Animal Industry, 1915 (animal husbandry).
Do.	do.	Front Royal, Va. (July 23-27, 1914).	To inspect the military horse-breeding work in the second horse-breeding district.	17.28	General expenses, Bureau of Animal Industry, 1915 (military horse breeding).
Do.	do.	Middlebury, White River Junction, and Randolph, Vt., and Claremont, N. H. (Sept. 13-20, 1914).	To inspect work being carried on at bureau farm at Middlebury, and to attend Vermont and New Hampshire State fairs in the interest of horse breeding; other points in the interest of military horse breeding.	49.71	Do.

Do.....	do.....	Fredericksburg, Va. (Sept. 28-29, 1914).....	To attend the Fredericksburg Fair to be held at that place Sept. 28 to 30, 1914, for the purpose of witnessing the exhibit of the foals sired by some of the bureau's stallions in the second horse-breeding district.	5. 60	Do.
Do.....	do.....	Beltsville, Md. (Oct. 4, 8, and 21, 1914).....	To supervise the horse-breeding work at the Beltsville farm.	. 77	General expenses, Bureau of Animal Industry, 1915 (animal husbandry).
Do.....	do.....	Lexington, Ky. (Oct. 25-29, 1914).....	To inspect the bureau's horse-breeding work in the third horse-breeding district.	52. 75	General expenses, Bureau of Animal Industry, 1895 (military horse breeding).
Do.....	do.....	Beltsville, Md. (Jan. 5 and 21, 1915).....	To inspect the horse-breeding work being conducted at the United States experimental farm.	1. 16	General expenses, Bureau of Animal Industry, 1915 (animal husbandry).
Do.....	do.....	Reading, Pa. (Jan. 15-16, 1915).....	To attend a meeting of the Farmers' Club to be held in that place on or about January 16 to discuss methods of horse breeding and the effect of the European war on the horse-breeding industry in the United States.	17. 05	Do.
Do.....	do.....	Norfolk, Newport News, Old Point Comfort, Va. (Jan. 26-30, 1915).	To points in Virginia and Maryland for the purpose of inspecting horses being shipped from the points of export in those States.	22. 45	Do.
Do.....	do.....	Beltsville, Md. (Feb. 25, Mar. 1, 2, 9, and 19, 1915).	To inspect the colts in the feeding experiments at the bureau experimental farm.	42. 45	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	Front Royal and Warrenton, Va. (Mar. 15-17, 1915).	To inspect the military horse-breeding work being conducted in the second horse-breeding district.	8. 85	Do.
Do.....	do.....	New York and Albany, N. Y. and Middlebury, Vt. (Apr. 18-22, 1915).	To make the annual inspection of the horses used in the breeding experiment being conducted at Middlebury, Vt.	44. 24	Do.
Do.....	do.....	Denver and Fort Collins, Colo.; Chicago, Ill.; and St. Louis, Mo. (May 2-11, 1915).	To inspect the cooperative carriage-horse breeding experiments being conducted at Fort Collins, Colo., and arrange the breeding schedules for the spring of 1915. Also to stop off en route at Chicago, Ill., and St. Louis, Mo., for the purpose of seeing the horses passing through those points for export.	139. 90	Do.
Do.....	do.....	Beltsville, Md. (May 19, 1915).....	To supervise the horse and mule investigation work of the experimental farm, Beltsville, Md.	. 42	Do.
Do.....	do.....	Front Royal, Woodstock, Staunton, Harrisonburg, Monterey, Bluemont, and Leesburg, Va. (May 25-June 10, 1915).	To secure information concerning the purchase of horses which will be made at various points in Virginia.	44. 32	Do.
Benner, Willis G. ....	Veterinary inspector ..	To points in Maryland and Virginia in the vicinity of the District of Columbia (July 8-Nov. 7, 1914).	To test cattle for tuberculosis.....	181. 89	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.....	do.....	Points in the State of Delaware (Nov. 9-Dec. 31, 1914).	To assist in eradicating foot-and-mouth disease.	216. 25	Do.
Do.....	do.....	Wilmington, Dover, and Maryland, Del. (Jan. 1-31, 1915).	do.....	130. 05	Eradicating of foot-and-mouth disease, 1915.



## EXPENDITURES FOR TRAVEL.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

## BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Benner, Willis G.....	Veterinary inspector..	Points in Maryland and Virginia in the vicinity of the District of Columbia (Feb. 1-June 30, 1915).	To test cattle for tuberculosis and to conduct post-mortem examinations.	\$153. 51	Eradicating of foot-and-mouth disease, 1915.
Bowen, John T.....	Technologist.....	New York and Buffalo, N. Y.; Detroit and Morenci, Mich.; and Toledo, Ohio (Aug. 9-17, 1914).	To inspect machinery for use in evaporating milk; also air washing outfit.	71. 39	General expenses, Bureau of Animal Industry, 1915 (dairy industry).
Do.....	do.....	Mobile, Bay Minette, and Tuscaloosa, Ala.; West Point, Meridian, Jackson, Miss.; and Alexandria, La. (Feb. 6-22, 1915).	To inspect creameries in connection with the refrigeration, water, and power problems.	174. 58	Eradication of foot-and-mouth disease 1915.
Brainerd, W. K.....	Dairy husbandman....	Chicago, Ill. (Oct. 21-28, 1914).....	To attend a conference of cow-testing association workers, assisting in conducting the students' national contest in judging dairy cattle, and to attend the various meetings incident thereto.	66. 70	General expenses, Bureau of Animal Industry, 1915 (dairy industry).
Do.....	do.....	Christiansburg and Blacksburg, Va.; Denison and Dallas, Tex.; Alexandria, New Iberia, and New Orleans, La. (Nov. 1-15, 1914).	To confer with bureau's officials and others concerning the work being conducted at dairy demonstrations in live-stock production.	151. 89	Do.
Do.....	do.....	Baltimore, Md. (Nov. 20, 1914).....	To attend meeting of the Maryland State Dairymen's Association and deliver an address on a subject pertaining to dairy industry.	2. 80	Do.
Do.....	do.....	Blacksburg and Christiansburg, Va.; Lexington, Ky.; Bluefield, Wheeling, and Kenova, W. Va. (Jan. 5-9, 1915).	To attend a meeting at the State University of Kentucky, to score dairy products to be exhibited, and to deliver addresses pertaining to the dairy industry.	45. 20	Do.
Do.....	do.....	Charlottesville and Richmond, Va. (Feb. 10-15, 1915).	To Charlottesville to attend an institute of farmers' clubs, and at Richmond to attend a joint session of the Farmers' Institute and the Virginia State Dairymen's Association, and to deliver addresses on subjects pertaining to the dairy industry.	18. 45	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	Basic, Staunton, and Waynesboro, Va. (Feb. 18-20, 1915).	To attend a meeting of the Waynesboro Cooperative Creamery and deliver addresses on a subject pertaining to the dairy industry and assist with the organization of a breeders' association and a cow-testing association.	17. 35	Do.
Do.....	do.....	Huntington, W. Va.; Louisville, Ky.; St. Louis, Mo.; Tulsa, Pawnee, Shawnee, and Stillwater, Okla.; North Vernon, Ind.; Cincinnati, Ohio; and Denison, Tex. (Mar. 3-14, 1915).	To deliver addresses on subjects relating to the dairy industry, and at Pawnee to ascertain qualifications of an applicant for a position in the bureau.	144. 38	Do.



Brookbank, R. E.....	Veterinary inspector.....	To points in Maryland and Virginia in the vicinity of the District of Columbia (July 14-Nov. 5, 1914).	To make inspections of interstate shipments of cattle, post-mortem inspections, and test cattle for tuberculosis.	27. 85	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Buckley, John S.....	Pathologist.....	Baltimore, Snow Hill, Crisfield, and Pocomoke, Md. (Aug. 30-Sept. 4, 1914).	To investigate an epizootic disease of horses, advise preventive or therapeutic measures, and to obtain material with which to conduct experiments.	43. 57	General expenses, Bureau of Animal Industry, 1915 (diseases, animals).
Do.....	do.....	Culpeper and Boston, Va. (Jan. 25, 1915)...	To investigate epizootic disease of horses on farm near State Mills, Va.	7. 90	Eradication of foot-and-mouth diseases, 1915.
Bunyea, H.....	Agent.....	Points in Virginia and Maryland (Nov. 17, 1914-June 30, 1915).	To assist in eradicating foot-and-mouth disease.	70. 78	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Carroll, C. C.....	Chief clerk, Bureau of Animal Industry.	Vienna, Va. (Oct. 12, 1914).....	To inspect Government sheep farm at Vienna, Va., to ascertain what equipment is needed.	. 60	Eradication of foot-and-mouth disease, 1915.
Chaplin, Edgar L.....	Cheesemaker.....	Morgantown, Grafton, Elkins, and Seebert, W. Va.; Lynchburg, Salisbury, Clifton Forge, and Mountain City, Tenn.; Hickory, Salisbury, and Sugar Grove, N. C. (May 5-June 30, 1915).	To investigate the dairy work of the bureau in West Virginia, Virginia, and Tennessee and to inspect the equipment and observe the operations of equipping the first cheese factory located in North Carolina.	100. 85	Eradication of foot-and-mouth disease, 1915.
Chase, James L.....	Examiner.....	New York and Olean, N. Y.; Athens, N. J.; Boston, Mass.; Philadelphia, Pa.; and Baltimore, Md. (July 1, 1914-Aug. 28, 1914).	To inspect field stations and examine records and accounting systems.	304. 51	Meat inspection, 1915.
Do.....	Temporary special disbursing agent.	Pittsburgh, Philadelphia, Lancaster, and Harrisburg, Pa.; Chicago, Ill.; Niles, Mich.; Buffalo and New York, N. Y.; Columbus, Ohio; Milwaukee, Wis.; Des Moines, Iowa; South Bend, Ind.; Boston, Mass.; and Hartford, Conn. (Nov. 3-Dec. 14, 1914).	To disburse funds in connection with the suppression of foot-and-mouth disease of cattle.	387. 24	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.....	Examiner.....	New York, N. Y., and Boston, Mass. (Jan. 24-31, 1915).	To inspect financial records of local offices.	62. 82	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	New York, N. Y.; Philadelphia, Pa.; and Baltimore, Md. (Feb. 1-6, 1915).	do.....	45. 48	Do.
Do.....	do.....	New York, N. Y.; Trenton, N. J.; Lancaster and Philadelphia, Pa.; and Baltimore, Md. (Mar. 2-6, 1915).	do.....	43. 86	Eradication of foot-and-mouth and other contagious diseases of animals, 1915-16.
Do.....	do.....	Baltimore, Md. (Mar. 29, 1915).	do.....	6. 00	Do.
Do.....	do.....	Chicago, Ill.; New York and Buffalo, N. Y.; and Boston and Worcester, Mass. (May 2-19, 1915).	do.....	154. 99	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

## BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Clement, C. E.	Assistant milk specialist.	Providence, R. I. (Nov. 21-Jan. 2, 1915)...	To assist in eradicating foot-and-mouth disease in Rhode Island.	\$173.67	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.	do.	Philadelphia, Pa.; New York, N. Y.; and Baltimore, Md. (Apr. 25-May 5, 1915).	To investigate the cost of different operations of city milk plants.	60.74	Eradication of foot-and-mouth disease, 1915.
Cook, L. B.	Dairyman.	Beaumont, Tex.; Fort Smith, Ark.; East Chicago, Ind.; and Annapolis, Md. (July 12-Aug. 6, 1914).	To inspect butter being packed for the Navy Department and to confer with the inspector in charge of Navy butter contracts.	157.37	General expenses, Bureau of Animal Industry, 1915 (dairy industry).
Do.	do.	Annapolis, Md., and Morgantown, W. Va. (Aug. 22-25, 1914).	To inspect Naval Academy dairy at Annapolis, Md., and dairy farms supplying milk to Morgantown, W. Va.	28.11	Do.
Do.	do.	Annapolis, Md., and Detroit, Mich. (Aug. 28-Sept. 6, 1914).	To Annapolis, Md., to inspect Naval Academy dairy and make bacteria count of milk and to Detroit, Mich., to judge milk and cream contest at Michigan State Fair.	57.96	Do.
Do.	do.	Annapolis, Md. (Oct. 20, 1914).....	To Annapolis, Md., to inspect the Naval Academy dairy and make bacteria counts.	2.13	Do.
Do.	do.	Cumberland, Md. (Nov. 4-12, 1915).....	To inspect dairies in cooperation with the health officer and to take charge of a milk contest held by the Chamber of Commerce of Cumberland, Md.	49.23	Do.
Do.	do.	Annapolis, Md. (Jan. 28, 1915).....	To inspect the Naval Academy dairy.....	2.55	Do.
Do.	do.	New York, N. Y., and Manchester, N. H. (Feb. 9-11, 1915).	To New York, N. Y., to inspect various milk plants. To Manchester, N. H., to attend the meetings of the Granite State Dairymen's Association and score milk and cream exhibited and deliver an address on a subject pertaining to the dairy industry.	35.53	Eradication of foot-and-mouth disease, 1915.
Do.	do.	Annapolis and Gambrills, Md. (Feb. 17, Mar. 24, and Apr. 26, 1915).	To inspect the Naval Academy dairy and make bacteria counts of the milk.	7.62	Do.
Do.	do.	Annapolis and Gambrills, Md. (May 20, 1915).	do.	2.29	Do.
Do.	do.	Austin and Dallas, Tex., and Fort Smith, Ark. (June 15-24, 1915).	To attend meeting under auspices of State health department, the State medical college, and the State food and dairy department, and deliver addresses on subjects pertaining to the dairy industry, and to confer with and assist local dairy authorities in milk-inspection work.	134.73	Do.



Do.	.....do.	Annapolis, Gambrills, and Beltsville, Md. (June 29-30, 1915).	To Annapolis and Gambrills, Md., to inspect the Naval Academy dairy and to make the regular monthly inspection of the United States dairy farm.	1.50	Do.
Cornelluson, Thomas.	.....do.	Berlin and Madison, Wk., and Dassel and Hutchinson, Minn. (July 16-Aug. 18, 1914).	To secure photographs of dairy manufacturing establishments.	158.80	General expenses, Bureau of Animal Industry, 1915 (dairy industry).
Do.	.....do.	Richmond, Va. (Oct. 5-14, 1914).	To score butter exhibited at the State Fair.	9.30	Do.
Do.	.....do.	Elkins, W. Va.; Cincinnati, Newcomers-town, Columbus and Cleveland, Ohio; Chicago, Ill.; Madison, Wis.; St. Paul, Minn.; Lincoln, Neb.; Denver, Colo.; Kansas City, Mo.; Des Moines and Keokuk, Iowa (Nov. 18, 1914-Jan. 15, 1915).	To inspect, renovated butter factories and to confer with State officials concerning inspection for the packing of butter for the Navy.	281.68	Do.
Do.	.....do.	Frederick, Md. (Mar. 4, 1915).	To inspect a renovated butter factory.	7.61	Eradication of foot-and-mouth disease, 1915.
Do.	.....do.	Calhoun, S. C. (Mar. 21-Apr. 3, 1915).	To investigate the causes for poor quality of butter made at Clemson College creamery and to give instructions in creamery work and management.	95.25	Do.
Do.	.....do.	Elkins and Wheeling, W. Va.; Cleveland, Ohio; Chicago and Dallas City, Ill.; Keokuk, Ottumwa, and Sioux City, Iowa; Kansas City, Mo.; Denver, Colo.; St. Paul and Hutchinson, Minn.; East Smithfield and Sayre, Pa.; Massena and New York, N. Y.; and Boston, Mass. (Apr. 14-June 30, 1915).	To inspect renovated-butter factories and creameries.	478.62	Do.
Curtice, Cooper.	Veterinary inspector	Front Royal, Va.; Beltsville, Md., and Oakton, Va. (July 13, 16, 18, 25, and 29, 1914).	To locate a farm on which to conduct experiments regarding stomach worms in sheep.	11.92	General expenses, Bureau of Animal Industry, 1915 (diseases of animals).
Dahlberg, Arnold O.	Dairy manufacturing specialist.	Rising Sun, Md.; Grove City and Concordville, Pa. (July 6-31, 1914).	To visit condenseries to investigate methods and dairy conditions and to make a cow census.	81.18	General expenses, Bureau of Animal Industry, 1915 (dairy industry).
Do.	.....do.	Philadelphia, Pa.; West and Starkville, Miss., and Jackson, Tenn. (Aug. 1-18, 1914).	To assist in organizing creameries.	129.19	Do.
Do.	.....do.	Troy, Pa. (Oct. 4-8, 1914).	To make four churnings of butter to be used in research work.	24.92	Do.
Do.	.....do.	Chicago, Ill. (Oct. 21-29, 1914).	To attend the dairy show at Chicago, Ill.; meet manufacturers of creamery and dairy machinery so as to be in position to decide on the equipment for the experimental creamery to be located at Grove City, Pa.	51.92	Do.
Davis, B. J.	Laboratory helper.	Baltimore, Love Point, Denton, Ridgely, Maryland, Cordova, and Ruthbery, Md. (Nov. 20-Dec. 31, 1914).	To assist in eradicating foot-and-mouth disease.	120.21	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.	.....do.	Ruthbery, Denton, Ridgely, Hillsboro, and Love Point, Md. (Jan. 1-21, 1915).	.....do.	54.28	Eradication of foot-and-mouth disease, 1915.

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BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Davis, B. J.....	Laboratory helper....	Troy, Pa., and Geneva, N. Y. (May 22-June 10, 1915).	To supervise the shipping of Government property to Grove City, Pa. To Geneva, N. Y.; to study the microscopic counting of bacteria in dairy products.	\$40. 07	Eradication of foot-and-mouth disease, 1915.
Davis, H. P.....	Assistant dairy husbandman.	Chicago, Ill.; Akron, Canton, Salem, Columbus, and Gallipolis, Ohio; Lexington, Louisville, and Shelbyville, Ky.; Detroit, Lansing, Grand Rapids, Fremont, Albin, Kalamazoo, Hopkins, and Muskegon, Mich. (Sept. 26-Nov. 20, 1914).	To confer with officials in charge of cow-testing associations; surveying field for cow-testing association work; to give aid in starting new cow-testing associations; to collect information about bull associations in Michigan, Ohio, and Kentucky, and to attend and deliver addresses at meetings of dairymen and of farmers.	227. 37	General expenses, Bureau of Animal Industry, 1915, (dairy industry).
Do.....	do.....	Salem, Columbus, and Toledo, Ohio, (Nov. 21-Dec. 31, 1914).	To assist in eradicating foot-and-mouth disease.	137. 78	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.....	do.....	Toledo, Ohio (Jan. 1-20, 1915).	do.....	70. 47	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	Columbus, Barnesville, and Salem, Ohio (Jan. 21-31, 1915).	To lecture on cow-testing association work to a special class at the Ohio State University and to attend meetings of the Barnesville Cow-Testing Association, and the annual meeting and reorganization of the Salem Cow-Testing Association.	45. 51	General expenses, Bureau of Animal Industry, 1915 (dairy industry).
Do.....	do.....	Salem, Ohio (Feb. 1-8, 1915).	To supervise cow-testing and bull association work of the bureau.	28. 30	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	Detroit, Flint, Lansing, Grand Rapids, and Fremont, Mich.; Mount Vernon, Columbus, Frederickstown, Newar, Mansfield, Marietta, Minerva, Cincinnati, Cleveland, and Bellville, Ohio; Williamstown, W. Va.; Valparaiso, Ind.; and Chicago, Ill. (Feb. 13-June 8, 1915).	To confer with parties interested in cow-testing association and extension work and to attend dairymen's meetings in the interests of cow-testing work.	416. 44	Do.
Do Milly, John Walter.	Agent.....	Points in Maryland and Virginia (Nov. 7-Dec. 31, 1914).	To assist in eradicating foot-and-mouth disease.	20. 94	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.....	do.....	Annapolis, Leeland, and Woodside, Md.; I-une and Calverton, Va. (Jan. 1-Mar. 8, 1915).	do.....	9. 29	Eradication of foot-and-mouth disease, 1915.



Do.	Veterinary inspector.	Do.	To investigate meat inspection work and inspect certain official establishments.	140. 81	Meat inspection, 1915.
Do.	Do.	Do.	To assist in eradicating foot-and-mouth disease.	183. 22	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.	Do.	Do.	do.	163. 66	Eradication of foot-and-mouth disease, 1915.
Do.	Do.	Do.	do.	83. 23	Do.
Do.	Do.	Do.	To attend annual meeting of the bureau's meeting in charge of meat inspection.	38. 70	Meat inspection, 1915.
Doane, C. F.	Dairy manufacturing specialist.	Do.	To study the marketing of Swiss cheese and to make factory tests of starters developed in the dairy division for Swiss cheese.	131. 30	General expenses, Bureau of Animal Industry, 1915 (dairy industry).
Do.	Do.	Do.	To inspect creameries and cheese factories.	9. 50	Do.
Do.	Do.	Do.	To deliver an address before the Wisconsin Cheesemakers' Association at Milwaukee, and to confer with cheesemakers and dealers at Plymouth, Wis., to look after details of work in progress at Brodhead and Monroe, Wis., and make inquiries at Columbus, Ohio, about the Swiss cheese industry in Ohio.	80. 63	Do.
Do.	Do.	Do.	To attend a meeting of the Southern Wisconsin Dairymen's Association at Monroe to deliver an address on "Effect of skimming milk on quality of Swiss cheese," and at Brodhead to inspect dairy work carried on at that point.	64. 56	Eradication of foot-and-mouth disease, 1915.
Do.	Do.	Do.	To consult with the State department of agriculture in reference to the establishment of cheese factories in the mountain districts of North Carolina.	19. 84	Do.
Do.	Do.	Do.	To investigate the cheese industry in the Western States and the way in which the bureau might help this industry, also the practicability of establishing cheese factories in the States visited.	511. 76	Do.

Omaha, Nebr.; Sioux City, Iowa; Sioux Falls, S. Dak.; St. Paul, Minn.; La Crosse, Wis.; Milwaukee, Wis.; Chicago, Ill. (Sept. 11-Oct. 4, 1914).  
Pittsburgh, Harrisburg, Philadelphia, Lancaster, York, Hanover, Swislevale, Pa.; New York, N. Y.; Hartford, Conn.; and Providence, R. I. (Oct. 31-Nov. 30, 1914).  
Chicago, Ill.; Milwaukee, Wis.; Des Moines, Cedar Rapids, and Tipton, Iowa; Lancaster, Reading, and Philadelphia, Pa.; Providence, R. I.; and Boston and Lowell, Mass. (Jan. 1-30, 1915).  
Parkersburg, W. Va.; Cincinnati, Ohio; Indianapolis, Ind.; and Louisville, Ky. (Feb. 6-14, 1915).  
Cleveland, Ohio (June 9-12, 1915).  
Milwaukee, Madison, Janesville, and Broadhead, Wis.; and Chicago, Ill. (Sept. 27-Oct. 25, 1914).  
Bellwood and Richmond, Va. (Nov. 19, 1914).  
Milwaukee, Plymouth, Brodhead, and Monroe, Wis., and Columbus, Ohio (Jan. 2-12, 1915).  
Monroe and Brodhead, Wis. (Mar. 16-21, 1915).  
Raleigh, N. C. (Apr. 4-6, 1915).  
Columbus, Ohio; Chicago, Ill.; St. Paul, Minn.; Huntley and Billings, Mont.; Salt Lake City, Utah; Davis, Eureka, San Francisco, Sacramento, Eureka, Ferndale, and Arcata, Cal.; Portland and Tillamook, Oreg.; North Yakima and Spokane, Wash.; Moscow, Caldwell, Boise, Minidoka, Jerome, and Twin Falls, Idaho; Backus, Minn. (Apr. 25-June 23, 1915).

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Doan, La Verne E.....	Clerk.....	Chicago, Ill. (Nov. 2-6, 1914).....	To assist in office work at the Chicago station occasioned by the quarantine on the Chicago stockyards for foot-and-mouth disease.	\$56.60	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine.)
Dorset, M.....	Chief Biochemic Division.	New York, N. Y. (Aug. 13-14, 1914).....	To obtain a supply of a suitable dye for preparing ink used for marking inspected meats.	17.20	Meat inspection, 1915.
Do.....	do.....	Indianapolis, Crawfordsville, and Terre Haute, Ind.; La Fayette, Kankakee, and Chicago, Ill.; St. Paul, Minn.; Ames, Iowa; Omaha and Beatrice, Nebr.; Kansas City and Sedalia, Mo.; Henderson, Ky. (Oct. 27-Nov. 17, 1914).....	To investigate hog-cholera work carried on by the bureau.	143.35	Investigations, etc., hog cholera and dourine (hog cholera, 1915).
Do.....	do.....	Topeka, Kans., and Sedalia, Mo. (Jan. 3-10, 1915).....	To inspect hog-cholera work carried on by the bureau.	94.26	Do.
Do.....	do.....	Kansas City, Mo., and Chicago, Ill. (Jan. 31-Feb. 7, 1915).....	To Kansas City to attend the meeting of the Missouri Valley Veterinary Association; at Chicago to attend meeting of the associated serum companies of America and explain the work being done by the Department of Agriculture in relation to hog cholera and to explain the requirements of the department in detail.	90.00	Do.
Do.....	do.....	Chicago, Ill.; Crawfordsville and Indianapolis, Ind. (Feb. 14-21, 1915).....	To attend the annual meeting of the United States Live Stock Sanitary Association at Chicago, Ill., Feb. 16, and to points in the States of Illinois and Indiana to inspect hog-cholera work carried on by the bureau.	78.42	Do.
Do.....	do.....	Philadelphia, Pa., and New Brunswick, N. J. (Apr. 8-9, 1915).....	To examine the methods of inspection followed at the serum plant of E. R. Squibb & Sons, New Brunswick, N. J.	19.53	Do.
Do.....	do.....	Ames, Iowa; Chicago, Ill.; Indianapolis, Ind. (June 1-11, 1915).....	To inspect hog-cholera work carried on by the bureau.	99.64	Do.
Eichorn, Adolph.....	Senior pathologist.....	Niles, Buchanan, St. Joseph, Three Oaks, Detroit, Blissfield, Deerfield, Hillsdale, Maybee, and Adrian, Mich.; Buffalo and New York, N. Y.; South Bend, Ind.; Harrisburg and Allentown, Pa.; Hyattsville, Md.; Chicago, Ill.; Franconia, Va., and Columbus and Toledo, Ohio (Oct. 10-Dec. 26, 1914).....	To assist in eradicating foot-and-mouth disease.	422.43	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine.)

Do.....	do.....	Columbus and Toledo, Ohio, and Detroit, Mich. (Dec. 27-29, 1914).	To inspect establishments manufacturing veterinary biological products.	30. 72	Investigations, etc., hog cholera and dourine (viruses, serums, and toxins, 1915).
Do.....	do.....	Chicago, Ill.; Columbus, Bowling Green, and Toledo, Ohio (Jan. 1-19, 1915).	To assist in eradicating foot-and-mouth disease.	103. 10	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	New York, N. Y. (Jan. 25-26, 1915).	To inspect establishments manufacturing veterinary biological products.	18. 65	Investigations, etc., hog cholera and dourine (viruses, serums, and toxins, 1915).
Do.....	do.....	Pittsburgh, Pa. (Jan. 27-29, 1915).	To assist in eradicating foot-and-mouth disease.	29. 06	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	Baltimore, Md., and New York, N. Y. (Feb. 2-12, 1915).	do.....	25. 06	Eradication of foot-and-mouth and other contagious diseases of animals, 1915-16.
Do.....	do.....	Lewisburg and Ronceverte, W. Va. (Feb. 18-20, 1915).	To inspect a laboratory desiring a United States veterinary license.	21. 05	Investigations, etc., hog cholera and dourine (viruses, serums, and toxins, 1915).
Do.....	do.....	Winchester, Basic City, Fredericksburg, and Pearisburg, Va.; Ronceverte and Lewisburg, W. Va. (Mar. 2-21, 1915).	To assist in eradicating foot-and-mouth disease.	66. 74	Eradication of foot-and-mouth and other contagious diseases of animals, 1915-16.
Do.....	do.....	New York and Brooklyn, N. Y.; Philadelphia, Pa. (Apr. 7-9, 1915).	To inspect laboratories preparing veterinary biological products.	31. 08	Investigations, etc., hog cholera and dourine (viruses, serums, and toxins, 1915).
Do.....	do.....	Philadelphia, Pa. (Apr. 14, 1915).	To investigate a reported outbreak of foot-and-mouth disease.	11. 90	Eradication of foot-and-mouth and other contagious diseases of animals, 1915-16.
Do.....	do.....	Front Royal, Va. (May 26, 1915).	To perform an operation on a Government stallion used in military horse breeding.	7. 80	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	Indianapolis, Ind. (June 2-9, 1915).	To inspect laboratories manufacturing veterinary biological products.	59. 19	Investigations, etc., hog cholera and dourine (viruses, serums, and toxins, 1915).
Do.....	do.....	Montpelier, Vt., and New York, N. Y. (June 10-12, 1915).	do.....	46. 38	Do.
Do.....	do.....	New York, N. Y. (June 16-18, 1915).	To assist in eradicating foot-and-mouth disease.	18. 90	Eradication of foot-and-mouth and other contagious diseases of animals, 1915-16.
Ellenberger, W. P.....	Veterinary inspector.....	Cincinnati, Ohio; Memphis, Tenn.; Oklahoma, Okla.; and Kansas City, Mo. (July 14-Aug. 6, 1914).	To confer with bureau employees regarding the interstate transportation of livestock.	123. 46	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.....	do.....	Baton Rouge, La.; Little Rock, Ark.; and Muskogee, Okla. (July 14-Aug. 6, 1914).	To confer with bureau and State officials concerning the work of tick eradication.	103. 37	General expenses, Bureau of Animal Industry, 1915 (eradicating cattle ticks).



*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Ellenberger, W. P.	Veterinary inspector.	Hagerstown and Baltimore, Md. (Nov. 14-15, 1914).	To observe methods of cleaning and disinfecting stock yards and other premises in foot-and-mouth disease eradication.	\$10.96	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Evans, Alice C.	Assistant dairy bacteriologist.	Chicago, Ill. (Dec. 1-27, 1914).	To collect samples of milk for bacteriological analysis.	36.50	Eradication of foot-and-mouth disease, 1915.
Fergus, Hugh.	Assistant dairy husbandman.	Westerly and Kingston, R. I.; Boston, Mass.; Hardwick and St. Johnsbury, Vt.; Phillips, Portland, and Augusta, Me.; Norwich, Storrs, and Hartford, Conn. (Oct. 2-Nov. 20, 1914).	To meet parties interested in dairy extension work in New England, give advice to farmers, collecting old records of cow-testing associations, giving aid in the organization of new associations, and delivering addresses on the subject.	312.79	General expenses, Bureau of Animal Industry, 1915 (dairy industry).
Do.	do.	Hartford, New London, New Haven, Ansonia, Devon, Waterbury, Broadbrook, Torrington, and Winsted, Conn. (Nov. 20, 1914-Jan. 9, 1915).	To assist in eradicating foot-and-mouth disease.	223.22	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.	do.	Simsbury, Conn.; Boston, Mass.; Portland, Bradbury, Konebunk, and Sanford, Me.; and Hartford, Conn. (Jan. 9-31, 1915).	To organize cow-testing associations, attend meetings of dairy testing associations, and attend the State dairymen's convention at Hartford, Conn.	90.85	General expenses, Bureau of Animal Industry, 1915 (dairy industry).
Do.	do.	New Haven and Norwich, Conn.; Burlington and Waterbury, Vt.; Boston, Mass.; Augusta, Bangor, Portland, Sanford, and Farmington, Me. (Feb. 1-Mar. 23, 1915).	To attend a meeting of the potato growers of Maine at Bangor, Me., and other points in Maine, Massachusetts, Connecticut, and Vermont in the interest of cow-testing associations.	291.38	Eradication of foot-and-mouth disease, 1915.
Do.	do.	New York, N. Y.; Danbury, Willimantic, Putnam, Kingston, Storrs, Ealgeville, and New London, Conn.; Peacedale, R. I. (Mar. 9-28, 1915).	To supervise cow-testing association work and assist in the organization of cow-testing and bull associations.	110.09	Do.
Do.	do.	Putnam and Willimantic, Conn.; Providence, Kingston, Newport, Saunders-town, Hope, and Woonsocket, R. I. (June 9-30, 1915).	To supervise work of cow-testing association organizations and to attend an organization meeting of Aquidnet Dairymen's Association at Newport, R. I.	123.90	Do.
Forbes, Will.	Dairy husbandman.	Des Moines, Ames, Eagle Grove, Dodge, Waterloo, and Algona, Iowa; Chicago and Champaign, Ill.; Albert Lea, St. Paul, Morris, and Sherburn, Minn.; La Crosse, Milwaukee, Fort Atkinson, Madison, and Janesville, Wis.; Lincoln and Omaha, Nebr.; and Grand Rapids and Lansing, Mich. (Aug. 26-Nov. 22, 1914).	To various points in the States of Michigan, Wisconsin, Illinois, Minnesota, Iowa, and Nebraska for the purpose of obtaining information concerning cow-testing association work of the bureau, and to confer with bureau employees and others engaged in the work.	419.02	General expenses, Bureau of Animal Industry, 1915 (dairy industry).

Do.....	do.....	Ladysmith and Milwaukee, Wis.; Chicago, Ill.; Omaha and Lincoln, Nebr.; Albert Lea, Austin, Litchfield, and St. Paul, Minn.; Fargo and Bismarck, N. Dak.; and Northwood, Iowa (Nov. 30, 1914-Feb. 1, 1915)	To Ladysmith, Wis., to attend the Wisconsin Dairymen's Association meeting, and to points in the States of Wisconsin, Illinois, Nebraska, Minnesota, and North Dakota in the interest of cow-testing associations.	267.22	Do.
Formad, Robert J.....	Bacteriologist.....	New York, N. Y. (Nov. 15-16, 1914)	To answer subpoena of United States district court of New York for the purpose of testifying in a meat-inspection case.	5.60	Meat inspection, 1915.
Do.....	Bacteriologist.....	New York, N. Y. (Apr. 27-28, 1915)	To appear in the United States district court, as a witness in a bob veal case.	15.76	Do.
Gallagher, B. A.....	do.....	South Bend, Crumsville, Ind.; Niles, Buchanan, Blissfield, Adrian, Jerome, Hanover, Jackson, Saginaw, Merrill, Bay City, and Quanicassel, Mich. (Oct. 14-Dec. 31, 1914)	To assist in eradicating foot-and-mouth disease.	318.62	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.....	do.....	Kalamazoo, Niles, and Cadillac, Mich.; Chicago, Ill.; and Kentland, Ind. (Jan. 1-31, 1915)	do.....	120.53	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	Indianapolis, Terre Haute, Rushville, South Bend, and Martinsville, Ind.; Louisville, Ky.; Niles and Buchanan, Mich.; Pittsburgh, Pa.; Buffalo, Syracuse, Amboy Center, Williamstown, Arabay, Jamesville, Caughdenoy, Euclid, Clay, and Bremerton, N. Y. (Feb. 1-Apr. 29, 1915)	do.....	442.63	Eradication of foot-and-mouth and other contagious diseases of animals, 1915-16.
Gallagher, Francis L.....	Veterinary inspector.....	Points in Maryland and Virginia in the vicinity of the District of Columbia (July 1-Oct. 15, 1914)	To test cattle for tuberculosis.	41.95	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.....	do.....	Points in Michigan, Ohio, Indiana, Illinois, and Pennsylvania (Oct. 17-Dec. 31, 1914)	To assist in eradicating foot-and-mouth disease.	367.81	Do.
Do.....	do.....	Points in the State of Illinois (Jan. 1-31, 1915)	To assist in eradicating foot-and-mouth disease.	117.32	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	Points in the State of Illinois (Feb. 1-June 30, 1915)	do.....	766.63	Eradication of foot-and-mouth and other contagious diseases of animals, 1915-16.
Gamble, J. A.....	Milk specialist.....	Annapolis, Md. (Oct. 20, 1914)	To inspect the dairy at the Naval Academy	2.13	General expenses, Bureau of Animal Industry, 1915 (dairy industry).
Do.....	do.....	Cumberland, Md. (Nov. 4-14, 1914)	To inspect dairies and to assist in judging milk at a contest to be held by the Cumberland Chamber of Commerce.	59.29	Do.
Do.....	do.....	Bangor, Me. (Dec. 6-14, 1914)	To attend the Maine Dairy Convention for the purpose of scoring the milk and cream entries in competition, and to deliver an illustrated talk on "The cow and pure milk."	51.95	Do.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Gamble, J. A.	Milk specialist.	Flint, Grand Rapids, and Pontiac, Mich. (Feb. 10-26, 1915).	To deliver addresses and score and analyze the milk entered in competition at Michigan State Dairy Convention at Flint, milk contest at Grand Rapids, and Dairy Institute at Pontiac.	\$114. 11	Eradication of foot-and-mouth disease, 1915.
Do.	do.	Frederick, Md. (Apr. 19-21, 1915).	To score and inspect dairies sending milk into Washington, D. C.	7. 56	Do.
Gittner, Leigh T.	Veterinary inspector.	Points in the State of Maryland (Nov. 12-Dec. 31, 1914).	To assist in eradicating foot-and-mouth disease.	226. 90	General expense, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.	do.	Baltimore, Md. (Jan. 1-Feb. 23, 1915).	do.	222. 80	Eradication of foot-and-mouth disease, 1915.
Do.	do.	Rossville, Hagerstown, New Market, Baltimore, and Frederick, Md.; Martinsburg, Shepherdstown, and Charlestown, W. Va.; and Winchester, Va. (Mar. 1-May 10, 1915).	do.	246. 29	Eradication of foot-and-mouth and other contagious diseases of animals, 1915-16.
Gluckstein, Sol. S.	Clerk.	Chicago, Ill., and Baltimore, Md. (Nov. 4-Dec. 31, 1914).	To do clerical work in connection with the eradication of foot-and-mouth disease.	257. 99	General expense, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.	do.	Baltimore, Md. (Jan. 1-17, 1914).	do.	53. 45	Eradication of foot-and-mouth disease, 1915.
Goodman, A. M.	Dairy husbandman.	Delaplane, Va. (Aug. 3-18, 1914).	To superintend making motion-picture films at Delaplane.	23. 56	General expense, Bureau of Animal Industry, 1915 (dairy industry).
Do.	do.	Philadelphia, Sayre, Athens, Windham, and North, Orwell, Le Raysville, Pa.; and Leesburg and Delaplane, Va. (Aug. 25-Sept. 21, 1914).	To supervise cow-testing association work and to confer with bureau officials and to assist in organizing new associations.	88. 18	Do.
Do.	do.	Westerly and Kingston, R. I.; Boston, Mass.; Durham, N. H.; Amherst, Mass.; Willimantic and Storrs, Conn. (Oct. 1-16, 1914).	To instruct new field man in his work in New England.	88. 70	Do.
Do.	do.	Chicago, Ill. (Oct. 24-31, 1914).	To Chicago, Ill., to attend the National Dairy Show.	74. 85	Do.
Do.	do.	Bel Air, Md. (Nov. 5, 1914).	To attend a meeting of dairy farmers and deliver an address on the subject, "Breeding of dairy cattle."	5. 72	Do.



Do.....	do.....	Sparks, Md. (Nov. 13, 1914).....	To attend a meeting of dairy farmers and deliver an address on the subject, "Feeds and feeding of dairy cattle,"	4. 05	Do.
Do.....	do.....	Salem, Ohio (Dec. 20-31, 1914).....	To attend a meeting of Ohio Jersey Breeding Association.	34. 42	Do.
Do.....	do.....	New Brunswick, N. J. (Jan. 4, 1915).....	To assist in organizing cow-testing associations.	3. 76	Do.
Do.....	do.....	New York, N. Y.; Newton, Hoboken, Sussex, Hamberg, Newark, and New Brunswick, N. J. (Jan. 8-16, 1915).....	To confer with parties interested in extension and dairy husbandman.	43. 83	Do.
Do.....	do.....	Harrisburg, Pa. (Jan. 28, 1914).....	To assist in organizing cow-testing associations.	9. 80	Do.
Do.....	do.....	Philadelphia and State College, Pa.; Waterbury, Morrisville, Stowe, Essex, and St. Johnsbury, Vt. (Feb. 2-Mar. 4, 1915).....	To organize cow-testing associations.....	255. 62	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	Snow Hill, Princess Anna, Cleiborne, and Baltimore, Md., and Wilmington, Del. (May 18-25, 1915).....	To review work of cow-testing associations and farm demonstration campaign.	46. 92	Do.
Do.....	do.....	Baltimore and New Windsor, Md.; Sinks Grove, Ronceverte, Huntington, Wellsboro, Wheeling, and West Alexander, W. Va., and Pittsburgh, Pa. (June 8-19, 1915).....	do.....	64. 39	Do.
Hare, Frank C.....	Junior animal husbandman.	Beltsville, Md. (July 8, 14, and 20, 1914).....	To inspect poultry investigations being conducted at the experimental farm at Beltsville, Md.	. 30	General expenses, Bureau of Animal Industry, 1915 (animal husbandry).
Do.....	do.....	Winchester, Va. (July 22-25, 1914).....	To assist the county agent of Frederick County, Va., in the cooperative poultry work being conducted in that State.	13. 35	General expenses, Bureau of Animal Industry, 1915 (poultry feeding and breeding).
Heller, D. L.....	do.....	Cody, Wyo.; Billings, Mont.; Belle Fourche, S. Dak.; Chicago, Ill.; La Fayette, Ind.; and Parkersburg, W. Va. (July 1-13, 1914).....	To supervise the shearing of the Government flock at Laramie, Wyo., and in connection with the study of market classes and grades of wool and the production of wool on farms and ranches.	133. 92	General expenses, Bureau of Animal Industry, 1915 (animal husbandry).
Do.....	do.....	Boston, Mass.; Middlebury, Vt.; and Philadelphia, Pa. (July 22-Aug. 6, 1914).....	To Boston, Mass., for the purpose of grading the bureau's collection of wool, to Middlebury, Vt., to supervise the breeding of the flock there, and to Philadelphia to study conditions of the wool market.	105. 75	Do.
Do.....	do.....	Laramie, Cheyenne, and Wheatland, Wyo. (Oct. 12-Nov. 5, 1914).....	To Laramie and other points in Wyoming for the purpose of inspecting the department flock of sheep, to weigh the lambs and take record of same, to confer with sheepmen, to study range conditions, and secure plans for shearing sheds for use in connection with the department publications.	210. 33	Do.
Do.....	do.....	Salt Lake City, Utah (Nov. 8-18, 1914).....	To attend the annual convention of the National Wool Growers' Association held Nov. 12, 13, and 14.	179. 87	Do.
Do.....	do.....	Beltsville, Md. (Nov. 7, 19, and 21, 1914).....	To supervise the sheep and goat investigations being conducted at the experimental farm.	. 90	Do.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Heller, D. L.	Junior animal husbandman.	Middlebury, Vt. (Dec. 4-8, 1914).....	To inspect the sheep-breeding operations being carried on by the department at Middlebury, Vt.	\$45.09	General expenses, Bureau of Animal Industry, 1915
Do.	do.	Beltsville, Md. (Feb. 1, 1915).....	To investigate work being done at the experimental farm.	.30	(animal husbandry). Eradication of foot-and-mouth disease, 1915.
Do.	do.	Baltimore, Md. (Feb. 8, 1915).....	To inspect the Karakule sheep in quarantine at Baltimore, Md.	2.80	Do.
Do.	do.	Missoula, Anaconda, Butte, Sheridan, Dillon, Bozeman, Billings, Great Falls, Helena, Chateau, and Rawlins, Mont.; Bitter Creek, Cheyenne, Wheatland, and Laramie, Wyo.; Grayville, Idaho; San Francisco and Woodland, Cal.; and Denver, Colo. (Feb. 11-June 28, 1915).	To study the market classes and grades of wool and the production of wool on farms and ranges, the conditions of sheep raising in the Western States, and to find suitable locations for future sheep work of the department. To secure records upon lambing of the Government flock at Laramie and to attend wool sales at Rawlins and conference with representatives of the Office of Markets.	903.96	Do.
Hess, O. B.	Veterinary inspector.	Athens, Ga. (Jan. 17-20, 1915).....	To attend meeting of the Georgia Dairy and Live Stock Association and deliver an address on hog cholera.	40.70	Investigations, etc., hog cholera and dourine (hog cholera, 1915).
Hickman, R. W.	Chief, Quarantine Division.	Canton, Ohio (July 16-19, 1914).....	To attend conference with Ohio State veterinarian regarding the tuberculin testing of cattle.	37.00	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.	do.	Norfolk, Va. (Apr. 18-20, 1915).....	To inspect work of quarantining imported live stock.	12.70	Eradication of foot-and-mouth disease, 1915.
Do.	do.	New York, N. Y., and Athenia, N. J. (May 17 and 18, 1915).	To New York to investigate the methods of handling hides, skins, wool, etc., shipped from Brazil, and to inspect the quarantine station at Athenia, N. J.	19.00	Do.
Houck, U. G.	Veterinary inspector.	Crawfordsville, Ind. (July 21-28, 1914).....	To instruct hog cholera field agents preparatory to assignment to work.	72.42	Investigations, etc., hog cholera and dourine (hog cholera, 1915).
Do.	do.	Kankakee and Chicago, Ill. (Aug. 22-29, 1914).	To observe the progress of the hog cholera work being conducted in the vicinity of the stations named.	70.14	Do.
Do.	do.	Richmond, Va. (Oct. 8-10, 1914).....	To confer with State officials concerning hog cholera eradication.	13.90	Do.
Do.	do.	Niles, Blissfield, Adrian, Linden, Flint, Jerome, Hillsdale, Lansing, Battle Creek, and Grand Rapids, Mich.; Elkhart, South Bend, Crawfordsville, New	To assist in eradication foot-and-mouth disease.	553.52	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).

Do.	do.	Carlisle, and Indianapolis, Ind.; Glendale, Terry, Ismay, Mont.; St. Paul, Minn. (Oct. 14-Dec. 31, 1914).	200. 11	Eradication of foot-and-mouth disease, 1915.
Do.	do.	Niles, Mich.; Chicago, Springfield, Geneva, and Peoria, Ill.; Buffalo, N. Y.; Des Moines, Iowa; and Philadelphia, Pa. (Jan. 1-31, 1915).	740. 09	Eradication of foot-and-mouth and other contagious diseases of animals, 1915-16.
Do.	do.	Points in New York, Massachusetts, Connecticut, Maryland, Rhode Island, Pennsylvania, Wisconsin, Ohio, Kansas, Illinois, and Michigan (Feb. 1-June 6, 1915).	37. 65	Meat inspection, 1915.
Do.	do.	Cleveland, Ohio (June 9-12, 1915).	85. 65	Do.
Do.	do.	Pittsburgh, Pa.; Chicago, Ill.; Omaha, Neb.; St. Joseph and Kansas City, Mo. (June 19-30, 1915).	101. 63	Do.
Houghton, Nellie F.	Clerk.	Chicago, Ill. (Oct. 5-19, 1914).	179. 86	Investigations, etc., hog cholera and dourine (viruses, serums, and toxins, 1915).
Hughes, F. A.	Veterinary inspector.	Des Moines, Iowa; Kansas City, Mo.; Chicago, Ill.; and St. Paul, Minn. (July 1-31, 1914).	300. 48	General expenses, Bureau of Animal Industry, 1915 (animal husbandry).
Teeler, K. C.	Live-stock assistant.	Sioux City, Iowa; Omaha, Nebr.; Cincinnati, Ohio; Clay Center and Manhattan, Kans.; Kansas City and Carrollton, Mo.; and Quincy, Ill. (Aug. 22-Oct. 3, 1914).	111. 44	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Kellogg, William C.	Assistant dairy husbandman.	Baltimore, Hagerstown, Emmitsburg, Frederick, and Tuscorora, Md. (Nov. 20-Dec. 31, 1914).	72. 27	Eradication of foot-and-mouth disease, 1915.
Do.	do.	Taneytown, Westminster, and Hagerstown, Md. (Jan. 1-31, 1915).	126. 98	Do.
Do.	do.	Philadelphia, State College, Sayre, Towanda, Westfield, and Ulysses, Pa., and Sussex, N. J. (Feb. 2-28, 1915).	138. 74	Do.
Do.	do.	Lawrenceville, Canton, Easton, Netcong, Crooked Creek, and Wellsboro, Pa.; Corning and Elmira, N. Y.; Furnace, Phillipsburg, and Newton, N. J. (Apr. 1-May 9, 1915).	17. 85	General expenses, Bureau of Animal Industry, 1915 (dairy industry).
Kelly, Ernest.	Dairyman.	Boston, Mass. (July 1 and 2, 1914).	75. 10	Do.
Do.	do.	Greensboro, N. C.; Augusta, Me.; and Storrs, Conn. (Aug. 6-Sept. 3, 1914).	67. 47	Do.
Do.	do.	Springfield, Ill. (Sept. 15-24, 1914).		



## EXPENDITURES FOR TRAVEL.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

## BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Kelly, Ernest.....	Dairyman.....	Waterloo, Iowa, and Chicago, Ill. (Oct. 13-29, 1914).	To attend the Iowa-rail-milk dealers meeting at Waterloo, Iowa, and read a paper. Score milk and cream at national dairy show at Chicago, Ill., and address meetings of dairy inspectors and milk dealers.	\$70.69	General expenses, Bureau of Animal Industry, 1915 (dairy industry).
Do.....	do.....	New Orleans, La., and Jacksonville, Fla. (Nov. 28-Dec. 5, 1914).	To confer with State and city officials in New Orleans, La., regarding dairy sanitation, at Jacksonville, Fla., to attend meetings of the American Health Association.	104.97	Do.
Do.....	do.....	Amherst, Northampton, Springfield, and Boston, Mass.; New York, Syracuse, Buffalo, and Ithaca, N. Y.; Chicago, Ill.; Madison, Wis.; Lafayette, Ind.; Cincinnati, Ohio; and Raleigh, N. C. (Mar. 10-19, 1915).	To visit colleges to confer regarding work on the cost of milk production.	130.26	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	Asheville, N. C. (May 14 and 15, 1915)....	To investigate the system used by the city of New York in grading milk.	21.43	Do.
Do.....	do.....	.....	To attend a meeting of the Southeastern Sanitary Association, held at Asheville and deliver addresses on subjects pertaining to the dairy industry.	49.05	Do.
Do.....	do.....	Burlington, Vt. (June 9-12, 1915).....	To confer with the director of the experiment station concerning cooperative work in the cost of milk production in Vermont.	38.45	Do.
Do.....	do.....	Atlantic City, N. J. (June 29-30, 1915)....	To attend the Certified Milk Producers Association of America's meeting.	12.20	Do.
Kelser, Raymond A....	Veterinary inspector..	Points in the State of Pennsylvania (Nov. 16-Dec. 31, 1914)	To assist in eradicating foot-and-mouth disease.	160.79	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.....	do.....	Points in the State of Pennsylvania (Jan. 1-Mar. 17, 1915).	do.....	225.25	Eradication of foot-and-mouth disease, 1915.
Kerr, Robert H.....	Biochemist.....	New York, N. Y. (Jan. 20 and 21, 1915)....	To secure samples of a shipment of olio billed as tallow oil.	17.45	Meat inspection, 1915.
King, Samuel A.....	Veterinary inspector..	Baltimore, Denton, Centerville, Hillsboro, and Cordova, Md. (Jan. 1-Feb. 12, 1915).	To assist in eradicating foot-and-mouth disease.	104.12	Eradication of foot-and-mouth disease, 1915.
Ladson, H. H.....	do.....	To points in Maryland and Virginia in the vicinity of the District of Columbia (Mar. 2, 3, 4, 8, 18, 23, 25, 26, and 27, 1915).	To test cattle for tuberculosis.....	6.89	Do.

Do.....	To Paconian Springs, Va. (Mar. 10, 1915).....	To assist in foot-and-mouth disease eradication.....	1.55	Eradication of foot-and-mouth and other contagious diseases of animals, 1915-16.
Ladson, Thomas A.....	To points in Maryland and Virginia in the vicinity of the District of Columbia (July 1-Nov. 11, 1914).....	To test cattle for tuberculosis.....	41.80	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.....	Points in Maryland and Virginia (Nov. 12-Dec. 31, 1914).....	To assist in eradicating foot-and-mouth disease.....	153.63	Do.
Do.....	Points in Maryland (Jan. 1-Feb. 28, 1915).....	.....do.....	198.43	Eradication of foot-and-mouth disease, 1915.
Do.....	Baltimore, Md. (Mar. 1-Apr. 12, 1915).....	.....do.....	137.63	Eradication of foot-and-mouth and other contagious diseases of animals, 1915-16.
Do.....	Staunton and Round Hill Va., and Garrett Park, Md. (Apr. 21-May 1, 1915).....	To test cattle for tuberculosis.....	14.74	Eradication of foot-and-mouth disease, 1915.
Do.....	Tuscorora, Frederick, Dickerson, Catonsville, Ellicott City, and Baltimore, Md. (May 3-18, 1915).....	To assist in eradicating foot-and-mouth disease.....	51.96	Eradication of foot-and-mouth and other contagious diseases of animals, 1915-16.
Lamon, Harry M.....	Beltsville, Md. (July 3 and 31, 1914, and Aug. 1, 1914).....	To supervise experiments in poultry investigations at the United States experiment farm.....	4.01	General expense, Bureau of Animal Industry, 1915 (animal husbandry).
Do.....	Vineland, N. J.; New York, N. Y.; Philadelphia, Pa.; Chicago, Ill.; Phoenix, Ariz.; and Atchison, Kans. (Aug. 2-Sept. 19, 1914).....	To the States of New York, New Jersey, and Pennsylvania, for the purpose of studying the grading and marketing of ostrich feathers and at Chicago to attend the annual meeting of the American Poultry Association and deliver an address before said association. To Arizona to inspect the cooperative ostrich breeding work; Kansas, to consult farmers and others interested in production of poultry and eggs with special reference to turkey and guinea industry.....	305.34	General expense, Bureau of Animal Industry, 1915 (poultry feeding and breeding).
Do.....	Richmond, Va. (Oct. 7, 1914).....	To attend the Virginia State Fair to inspect the exhibit which was made by poultry club members in the State of Virginia.....	8.80	Do.
Do.....	Hagerstown, Md. (Oct. 12-17 1914).....	To attend the Hagerstown Fair for the purpose of securing photographs of the leading varieties of poultry, ducks, geese, and turkeys for the use in the educational poultry work being conducted by the Animal Husbandry Division.....	22.35	Do.
Do.....	Louisville, Ky. (Oct. 19-22, 1914,.....	To attend the convention of the Southern Poultry and Egg Shippers' Association, and to deliver an address before the members of the association on the poultry club work in Tennessee.....	53.25	Do.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Lamon, Harry M.	Senior animal husbandman.	Chicago, Ill. (Oct. 25-27, 1914).....	To attend the annual convention of the National Poultry, Butter, and Egg Association, and give a talk before the association on matters pertaining to the poultry and egg industry of the United States.	\$61.05	General expenses, Bureau of Animal Industry, 1915 (poultry feeding and breeding).
Do.	do.	Beltsville, Md. (Oct. 1, 6, 23, 31-Nov. 3 and 28, 1914).....	To supervise the poultry investigations being carried on.	3.77	Do.
Do.	do.	New York, N. Y. (Nov. 30-Dec. 2, 1914)....	To hold a conference with the president of the American Poultry Association, relative to securing the cooperation of the southern members of the association in an effort to assist the southern farmer to improve and increase his poultry production.	22.85	Do.
Do.	do.	Topeka, Kans., and Phoenix, Ariz. (Dec. 5-18, 1914).....	To Topeka, Kans., for the purpose of conferring with president of the Association of American Dairy Food and Drug Officials, regarding conditions surrounding egg production in the State of Kansas. To Phoenix, Ariz., for the purpose of inspecting the cooperative ostrich investigations being conducted in that State with the Arizona Breeders' Association.	234.04	Do.
Do.	do.	Lexington, Ky. (Jan. 5-7, 1915).....	To hold a conference with the State agent at that point concerning the organization of boys' and girls' poultry clubs.	42.80	Do.
Do.	do.	Raleigh and Charlotte, N. C.; Rock Hill, S. C.; Atlanta, Ga.; and Knoxville, Tenn. (Jan. 12-18, 1915).....	To inspect the cooperative work being conducted in the organization of boys' and girls' poultry clubs and to confer with the State and county agents of the farmers' cooperative demonstration work of the Bureau of Plant Industry.	72.02	Do.
Do.	do.	Beltsville, Md. (Dec. 5, 1914-Jan. 26, 1915)....	To supervise poultry work in progress at the Beltsville, Md., farm.	.35	Do.
Do.	do.	Blacksburg, Va. (Jan. 26-28, 1915).....	To attend a conference of the State and county agents of farmers' cooperative demonstration work of the Bureau of Plant Industry, and the State poultry agent of this bureau concerning boys' and girls' poultry clubs being conducted in the State of Virginia.	20.54	Do.
Do.	do.	Beltsville, Md. (Feb. 1, 2, 3, 1915).....	To supervise the breeding and feeding experiments being carried on by the bureau.	29.00	Eradication of foot-and-mouth disease, 1915.



Do.....	do.....	Winchester, Va., and New York, N. Y. (Feb. 4-15, 1915).	To assist in the cooperative community poultry-breeding work being conducted in that vicinity with the bureau at Winchester, Va. To New York, N. Y., to attend the Madison Square Garden poultry show.	39.13	Do.
Do.....	do.....	Middlebury, Vt., and New York, N. Y. (Mar. 3-7, 1915.)	To attend the farmers' winter stock show and judging demonstration at New York, in connection with the poultry investigations being conducted by the bureau at Middlebury.	44.69	Do.
Do.....	do.....	Caro, Mich. (Mar. 10-12, 1915).....	To attend meeting of the Tuscola County Poultry Association and deliver a talk on poultry work being conducted by the bureau.	52.49	Do.
Do.....	do.....	Raleigh, Greenville, and Calhoun, S. C. (Mar. 22-26, 1915).	To Raleigh to attend a conference of department agents on live-stock development work in the South, to be held under the auspices of the farmers' cooperative demonstration work of the Bureau of Plant Industry and the Dairy Division of the Bureau of Animal Industry; also to other points in the State of South Carolina in connection with the poultry-club work.	46.85	Do.
Do.....	do.....	Phoenix, Ariz.; Yoakum, Tex.; Chicago, Ill.; Lafayette, Ind.; Watertown, Itasca, and New York, N. Y. (Apr. 4-21, 1915).	To inspect the cooperative ostrich-breeding work being done in Arizona and other points, to consult breeders concerning the turkey and guinea industries, and to confer with State food commissioners regarding a campaign for improvement of the poultry and egg industry.	271.81	Do.
Do.....	do.....	Beltsville, Md. (Mar. 18, 27, and Apr. 23, 1915).	To supervise the feeding and breeding experiments being conducted at the experimental farm at Beltsville, Md.	26.30	Do.
Do.....	do.....	Beltsville, Md. (May 8, 13, 14, and 19, 1915).	do.....	.55	Do.
Do.....	do.....	Richmond, Va., and Knoxville, Tenn. (May 19-22, 1915).	To take up matters pertaining to work with the State poultry club agents.	79.05	Do.
Do.....	do.....	Beltsville, Md. (May 26, 28, June 1, 4, and 7, 1915).	To inspect work in progress at the experimental farm.	.42	Do.
Do.....	do.....	Chicago, Ill.; El Paso, Tex.; Tucson, Phoenix, and Yuma, Ariz.; Neland, El Centro, Los Angeles, and San Francisco, Cal.; Salt Lake City, Utah; Hazen and Fallon, Nev.; Topeka, Kans. (June 11-30, 1915).	To inspect the ostrich-breeding work being conducted in Arizona and to study the ostrich, poultry, and turkey industries at other points enumerated.	303.77	Do.
Lee, A. R.....	Animal husbandman.....	Beltsville, Md. (July 1-Aug. 27, 1914).....	To inspect the feeding and breeding experiments being carried on at the United States experimental farm.	3.84	General expenses, Bureau of Animal Industry, 1915 (animal husbandry).
Do.....	do.....	Beltsville, Md. (Sept. 3, 11, 14, 15, 18, and 23, 1914; Oct. 2, 6, 9, 13, 20, 23, 26, and 29, 1914).	To supervise experiments in breeding and feeding poultry being conducted at the United States experimental farm.	2.74	Do.
Do.....	do.....	Beltsville, Md. (Nov. 2, 4, 10, 14, 17, and 27; Dec. 2, 11, 18, 26, and 31, 1914).	To secure data concerning the poultry investigations being conducted at the United States experimental farm.	5.07	General expenses, Bureau of Animal Industry, 1915 (poultry feeding and breeding).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Lee, A. R.	Animal husbandman.	Beltsville, Md., and Warrenton, Va. (Jan. 6, 13, 15, 18, 22, 27, 28, and 30, 1915).	To Beltsville to conduct experiments in feeding poultry and to Warrenton to deliver an address before the Warrenton Poultry Association.	\$15.25	General expenses, Bureau of Animal Industry, 1915 (poultry feeding and breeding).
Do.	do.	Beltsville, Md. (Apr. 2, 5, 6, 10, 16, 20, 23, and 26, 1915).	To supervise the poultry feeding and breeding experiments being carried on at the experimental farm.	3.26	Eradication of foot-and-mouth disease, 1915.
Do.	do.	Winchester, Va. (May 12-14, 1915).	To inspect work being done by boys' and girls' poultry clubs.	11.38	Do.
Do.	do.	Beltsville, Md. (May 17, 20, 24, 25, 27, and 28; June 1-30, 1915).	To inspect poultry feeding and breeding investigations being conducted at the United States experimental farm.	3.17	Do.
Liverance, W. B.	Dairy manufacturing specialist.	Orleans, Mich. (July 1-10, 1914).	To assist Orleans creamery company with manufacture of buttermilk casein.	33.38	General expenses, Bureau of Animal Industry, 1915 (dairy industry).
Do.	do.	Oakland, Md. (July 27-28, 1914).	To inspect Garrett County Creamery.	8.10	Do.
Do.	do.	Drury's Bluff, Va. (Aug. 1-2, 1914).	To attend meeting of farmers who were considering the organization of a creamery.	9.66	Do.
Do.	do.	Oakland, Md. (Sept. 19-20, 1914).	To inspect the Garrett County Creamery.	8.00	Do.
Do.	do.	New Orleans, New Iberia, Alexandria, Shreveport, and Baton Rouge, La.; Brookhaven, and Jackson, Miss.; Atlanta, Eastonton and Macon, Ga.; Knoxville, Seversville and Morristown, Tenn.; Mooresboro, Marion, Lincolnton, Greensboro, and Hickory, N. C.; Calhoun and Clemson College, S. C. (Sept. 23-Oct. 11, 1914).	To assist in creamery organization and to investigate creamery conditions.	190.61	Do.
Do.	do.	Clemson College, S. C. (Nov. 30-Dec. 5, 1914).	To inspect Clemson College dairy.	23.38	Do.
Do.	do.	Fredericksburg, Va. (Dec. 8, 1914).	To inspect the Fredericksburg Cooperative Creamery.	3.08	Do.
Do.	do.	Oakland, Md.; Basic and Waynesboro, Va.; Greenville, Knoxville, and Morristown, Tenn.; Asheville, N. C.; Greenville, S. C.; Athens, Atlanta, Eatonton, and Albany, Ga.; Mobile, Bay Minette, and Tuscaloosa, Ala.; West Point, Meridian and Jackson Miss. (Jan. 7-Feb. 20, 1915).	To inspect creameries and to attend creamery patrons meetings, to investigate conditions and to assist with problems in practical butter making.	284.59	Do.

Do.....	do.....	Hickory, and Asheville, N. C.; Morristown, Chattanooga, Nashville, Martin, Murfreesboro, Knoxville, Tenn.; Mobile, Selma, Auburn and Montgomery, Ala.; Atlanta, Athens, and Eastontown, Ga. (Mar. 2-Apr. 30, 1915).	To investigate creamery conditions in the Southern States.	377.12	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	Oakland, Md.; Raleigh, Charlotte, and Mooresville N. C.; Atlanta, and Eastontown, Ga.; Montgomery and Selma, Ala. (May 6-30, 1915).	do.....	123.16	Do.
Do.....	do.....	Greenville, S. C.; Atlanta, and Eastontown, Ga.; Birmingham, Ala.; Nashville, Memphis, and Knoxville, Tenn. (June 6-20, 1915).	do.....	99.34	Do.
Lubs, H. A.....	Organic chemist.....	Baltimore, Md. (Apr. 13, 1915).	To confer with officials of the John Hopkins Medical school regarding the preparation of nucleic acid and its hydrolyses.	1.90	Do.
Mansfield, C. M.....	Veterinary inspector.....	Fredericksburg, Va. (Jan. 8, 1915).	To assist in eradicating foot-and-mouth disease.	6.05	General expenses Bureau of Animal Industry, 1915 (inspection and quarantine).
Marsh, Hadleigh.....	do.....	Lancaster, York, Elizabeth, Letitz, Lebanon, Strassburg, Annville, Reading, Boyertown, Leesport, Kutztown, Maxatawny, Cedar Lanes, Easton, Allentown, Prospect Heights and Lynnville, Pa. (Nov. 5-Dec. 31, 1914).	do.....	263.99	Do.
Do.....	do.....	Lynnville, Allentown, and Lancaster, Pa. (Jan. 1-31, 1915).	do.....	121.43	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	Salina, Utah (June 1-30, 1915).	To make poisonous plants investigations at Salina experiment station.	43.17	General expenses, Bureau of Animal Industry, 1915 (diseases of animals).
Marshall, F. R.....	Senior animal husbandman.....	Laramie, Wyo. (July 1-5, 1914).	To inspect the department flock of sheep at Laramie, Wyo., and supervise the shearing of same, and consult sheep breeders.	86.10	General expenses, Bureau of Animal Industry, 1915 (animal husbandry).
Do.....	do.....	Auckland, Wellington, Christchurch, and Lytleton, New Zealand; Sydney, Richmond, Tamworth, Inverell, and Glen Innis, New South Wales; and Brisbane, Queensland (July 29-Jan. 13, 1915).	To purchase Corriedale sheep and other promising breeds of sheep in New Zealand, Australia, and Tasmania for breeding purposes.	1,294.62	General expenses, Bureau of Animal Industry, 1915 (imported sheep).
Do.....	do.....	Baltimore and Beltsville, Md. (Jan. 22-Feb. 8 and 15, 1915).	To inspect sheep-breeding work at United States experimental farm.	1.20	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	Baltimore, Md. (Mar. 24, 1915).	To select sheep from the flock of Karakules in quarantine.	2.85	Do.
Do.....	do.....	Philadelphia and Bristol, Pa. (Mar. 29-31, 1915).	To secure information regarding the sampling and securing of wools.	19.32	Do.
Do.....	do.....	Middlebury, Vt. (Apr. 18-22, 1915).	To attend the spring shearing of the South-down flock at the Morgan horse farm, and to make a selection of the sheep to be transferred to the United States experimental farm at Beltsville, Md.	41.99	Do.



*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

## BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Marshall, F. R.	Senior animal husbandman.	Rawlins and Laramie, Wyo. (Apr. 26-May 6, 1915).	To Rawlins to inspect the work in grading of wools at the western shearing sheds of the National Wool Warehouse & Storage Co., and to Laramie in connection with the wool investigations in Wyoming being conducted by the bureau.	\$152.55	Eradication of foot-and-mouth disease, 1915.
Do.	do.	Cumberland, Md. (May 20-21, 1915).	To consult farmers concerning the sheep and wool investigations being conducted by the bureau.	14.44	Do.
Do.	do.	Points in Wyoming, Montana, Utah, and California (June 3-30, 1915).	To Laramie, Wyo., to assist in grading wool taken from the Government's flock, and to other points to examine Government lambs suitable for range purposes.	269.31	Do.
McClain, J. H.	Dairy husbandman.	Athens, Ga.; Jacksonville, Fla.; Columbia, S. C.; and Atlanta, Ga. (July 13-Aug. 24, 1914).	To supervise bureau work and to inaugurate field work in Florida, and plan for additional field work in Georgia and South Carolina.	138.88	General expenses, Bureau of Animal Industry, 1915 (dairy industry).
Do.	do.	Raleigh, N. C.; Royston, Ga.; and Wheeling, W. Va. (Aug. 26-Sept. 15, 1914).	To inspect work being carried on by the bureau; to inaugurate new work in the tick-free areas, and to select men for vacant positions.	113.32	Do.
Do.	do.	Points in South Carolina, North Carolina, Alabama, Mississippi, Louisiana, Texas, and Missouri (Oct. 3-28, 1914).	To supervise progress of work being carried on by the bureau.	208.32	Do.
Do.	do.	Athens, Macon, and Atlanta, Ga.; Auburn, Miss.; Shreveport, La.; and Chattanooga, Tenn. (Nov. 2-14, 1914).	To inspect and supervise bureau work.	152.82	Do.
Do.	do.	Statesville, Clemson College, Asheville, Granite Falls, and Hickory, N. C.; Knoxville and Nashville, Tenn.; Louisville, Ky.; Charleston, W. Va.; Montgomery, Albany, Mobile, and Tuscaloosa, Ala.; Meridian and Jackson, Miss.; Athens, Ga.; Rock Hill, S. C.; Ruston and Alexandria, La. (Dec. 7, 1914-Feb. 23, 1915).	To supervise work in progress and to attend West Virginia Live Stock Association meeting and short course of farm-demonstration agents, and to attend farmers' meetings at points mentioned in North Carolina, South Carolina, Alabama, West Virginia, Mississippi, Georgia, Kentucky, and Louisiana.	371.82	Do.
Do.	do.	Hickory, Mooresville, and Raleigh, N. C.; Calhoun, Clemson College, and Spartanburg, S. C.; Athens, Atmore, Montgomery, and Tuscaloosa, Ala.; Artesia, Miss.; Jackson, Union City, and Martin, Tenn.; and Atlanta, Ga. (Mar. 2-27, 1915).	To attend demonstration meetings held under the auspices of the department.	159.57	Eradication of foot-and-mouth disease, 1915.

Do.....	do.....	Clarksburg, W. Va.; Little Rock, Ark.; Alexandria, Shreveport, and Donaldsonville, La.; Brookhaven, Miss.; Clemson College and Pilzer, S. C.; Atlanta, Ga.; and Auburn, Ala. (Apr. 7-May 10, 1915).	To supervise work in progress and to install new work in the tick-free area.	291. 14	Do.
Do.....	do.....	Raleigh and Asheville, N. C.; Knoxville, and Memphis, Tenn.; Oklahoma City, Stillwater, Cushing, Chickasha, Okla.; Little Rock, Ark.; Jackson, Collins, and Hattiesburg, Miss.; Birmingham, Ala.; Athens and Atlanta, Ga.; Clemson College, Darlington, Columbia, Campobello, and Spartanburg, S. C. (May 16-June 16, 1915).	To supervise work in progress and institute work in tick-free areas, and to Knoxville, Tenn., to attend meeting held under auspices of the East Tennessee Farmers' Convention.	201. 35	Do.
Do.....	do.....	Salt Lake City, Utah; Portland, Oreg.; and Twin Falls, Idaho (June 19-30, 1915).	To attend conference of department employees at Salt Lake City, Utah, and to confer with bureau employees regarding work in progress at other points.	162. 53	Do.
McKellip, Ivan.....	do.....	Waterloo, Iowa (Oct. 12-14, 1914).	To supervise cow-testing and bull association work.	12. 08	General expenses, Bureau of Animal Industry, 1915 (dairy industry).
Do.....	do.....	Points in the State of Iowa (Nov. 20-Dec. 31, 1914).	To assist in eradicating foot-and-mouth disease.	221. 61	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.....	do.....	Points in the State of Iowa (Jan. 1-Feb. 3, 1915).	do.....	193. 87	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	Chicago and Champaign, Ill.; Ames, Algonia, Mason City, Des Moines, Watertown, Cedar Rapids, Clinton, Waterloo, Spencer, Sheldon, Fort Dodge, Forest City, Sheldon, Garner, Klemme, and Brooklyn, Iowa (Feb. 4-May 14, 1915).	To supervise cow-testing and bull association work.	538. 75	Do.
McKeown, T. H.....	Veterinary inspector..	Points in Maryland and Virginia in the vicinity of the District of Columbia (July 6-Nov. 9, 1914).	To test cattle for tuberculosis.....	130. 34	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.....	do.....	Points in the State of Maryland (Nov. 10-30, 1914).	To assist in eradicating foot-and-mouth disease.	44. 71	Do.
Do.....	do.....	Points in the States of Maryland and Virginia (Dec. 1-24, 1914).	do.....	79. 83	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	Points in the States of Maryland and Virginia, in the vicinity of the District of Columbia (Jan. 7-Feb. 5, 1915).	To test cattle for tuberculosis.....	61. 97	Do.
Do.....	do.....	Potomac Yards Va. (Feb. 6, 7, 8, 10, 11, 12, and 13, 1915).	To assist in eradicating foot-and-mouth disease.	8. 30	Eradication of foot-and-mouth and other contagious diseases of animals, 1915-16.
Do.....	do.....	Points in Maryland and Virginia, in the vicinity of the District of Columbia (Apr. 7-June 30, 1915).	To test cattle for tuberculosis.....	14. 30	Eradication of foot-and-mouth disease, 1915.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
McVean, J. D. ....	Agent in animal husbandry.	Athens, Ga., and Raleigh, N. C. (Aug. 4-23, 1914).	To organize pig clubs.....	\$22.81	General expenses, Bureau of Animal Industry, 1915 (animal husbandry). Do.
McWhorter, V. O. ....	Junior animal husbandman.	Boston, Mass.; Middlebury, Vt.; and New York, N. Y. (July 22-27, 1914).	To obtain information as to the value of Karakule lamb skins, report on grading of wool, collect material for a bureau exhibit, and to study the use of forage crops for sheep.	54.60	Do.
Do. ....	do.	Baltimore, Md.; Syracuse, N. Y.; and Middlebury, Vt. (Aug. 20-Sept. 7, 1914).	To Baltimore to inspect and shear a shipment of Karakule sheep which was in quarantine, and to Syracuse to attend State fair and to Middlebury, Vt., to inspect the ewes at the Morgan horse farm before the breeding season.	95.63	Do.
Do. ....	do.	Laramie, Wyo. (Oct. 13-21, 1914).....	To assist in the cooperative sheep-breeding operations being conducted by the department on the range near Laramie, Wyo.	28.98	Do.
Do. ....	do.	Points in Maryland in the vicinity of the District of Columbia (July 1-Nov. 24, 1914).	To the experimental farm at Beltsville, Md., in connection with sheep and goat feeding and breeding experiments being carried on at that place, and to Casinova, Va., to obtain information concerning the construction of goat stables.	14.04	Do.
Do. ....	do.	Beltsville Md. (Dec. 14, 1914-Mar. 17, 1915).	To supervise sheep and goat feeding and breeding experiments at bureau experimental farm.	14.15	Eradication of foot-and-mouth disease, 1915.
Do. ....	do.	Chicago, Ill.; Denver, Colo.; Cheyenne, Laramie, Evanston, Rawlins, Howell, and Pinedale, Wyo.; St. Anthony, Thornton, Heise, Hot Springs, and Idaho Falls, Idaho (Apr. 8-June 30, 1915).	To make study of the preparation of wools for market and work in connection with the sheep industry of the West; also to study the market classes and grades of wool; to supervise the shearing of Government flocks at Laramie, Wyo., and to search for a location for permanent sheep-breeding ranch for the Animal Husbandry Division.	476.30	Do.
Melchiorson, Wm. G. ..	Lay inspector.....	Leesburg, Va. (Dec. 21, 1914).....	To inspect meat carcasses slaughtered under meat-inspection regulation.	1.30	Meat inspection, 1915.
Malvin, A. D. ....	Chief Bureau of Animal Industry.	Philadelphia, Pa. (Aug. 20-21, 1914).....	To inspect work being carried on by the meat-inspection force.	10.30	Do.
Do. ....	do.	Chicago, Ill. (Feb. 14-18, 1915).....	To attend meeting of the United States Live Stock Sanitary Association and to consult with inspectors in charge regarding eradication of foot-and-mouth disease.	64.10	Eradication of foot-and-mouth disease, 1915.
Do. ....	do.	Cleveland, Ohio (June 9-14, 1915).....	To attend conference of bureau inspectors on meat inspection.	41.25	Meat inspection, 1915.



Menge, G. A.	Dairy chemist.	Philadelphia and Troy, Pa. (July 6-22, 1914).	To observe the methods used in the manufacture of condensed milk.	61.52	General expenses, Bureau of Animal Industry, 1915 (dairy industry).
Do.	do.	Marysville, Ohio; Chicago, Ill.; Detroit, Mich.; Indianapolis, Ind.; Sheridan, Wis.; and Philadelphia, Pa. (July 23-Aug. 24, 1914).	To obtain information concerning the manufacture of condensed milk.	239.44	Do.
Do.	do.	New York, N. Y. (Nov. 19-23, 1914).	To inspect a condensed-milk plant.	20.90	Do.
Do.	do.	New York, N. Y. (Feb. 6-12, 1915).	To attend convention of National Canners' Association in the interest of condensed milk investigations.	38.72	Eradication of foot-and-mouth disease, 1915.
Meyer, W. E.	Assistant dairy husbandman.	Algona, Iowa, and St. Paul, Minn. (Nov. 16-20, 1914).	To supervise and organize cow-testing associations.	17.82	General expenses, Bureau of Animal Industry, 1915 (dairy industry).
Do.	do.	Points in the State of Wisconsin (Nov. 21-Dec. 31, 1914).	To assist in eradicating foot-and-mouth disease.	140.60	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.	do.	Points in the State of Wisconsin (Jan. 1-31, 1915).	do.	102.83	Eradication of foot-and-mouth disease, 1915.
Do.	do.	Points in the States of Wisconsin and Minnesota (Feb. 1-June 5, 1915).	To supervise cow-testing and bull association work now in progress and to assist county agents in their work of organizing new associations.	562.51	Do.
Meyst, F. W.	Veterinary inspector.	Cleveland, Ohio (June 9-13, 1915).	To attend convention of bureau inspectors on meat inspection.	43.54	Meat inspection, 1915.
Middleton, W. G.	do.	Points in Maryland and Virginia in the vicinity of the District of Columbia (July 8-Oct. 30, 1914).	To test cattle for tuberculosis.	122.01	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.	do.	Points in the State of Pennsylvania (Nov. 6-Dec. 31, 1914).	To assist in eradicating foot-and-mouth disease.	213.95	Do.
Do.	do.	Points in the State of Pennsylvania (Jan. 1-Feb. 28, 1915).	do.	133.69	Eradication of foot-and-mouth disease, 1915.
Do.	do.	Points in the State of Pennsylvania (Mar. 1-May 26, 1915).	do.	208.19	Eradication of foot-and-mouth and other contagious diseases of animals, 1915-16.
Do.	do.	Spring Hill and Fredericksburg, and Massas, Va. (June 7 and 16, 1915).	To test cattle for tuberculosis.	17.87	Eradication of foot-and-mouth disease, 1915.
Miller, Ralph K.	do.	Points in the State of Pennsylvania (Nov. 9-Dec. 31, 1914).	To assist in eradicating foot-and-mouth disease.	240.88	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.	do.	Pittsburgh, Pa. (Jan. 1-31, 1915).	do.	133.98	Eradication of foot-and-mouth disease, 1915.
Do.	do.	Pittsburgh and Latrobe, Pa. (Feb. 1-12, 1915).	do.	50.51	Eradication of foot-and-mouth and other contagious diseases of animals, 1915-16.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Mohler, J. R.....	Assistant Chief Bureau of Animal Industry.	Denver, Colo. (July 1-17, 1914).....	To investigate infectious diseases of animals, particularly, swamp fever of horses, brisquet disease of cattle, and an unknown infection which follows shearing of sheep.	\$176.30	General expenses, Bureau of Animal Industry, 1915 (administrative expenses).
Do.....	do.....	Denver, Manitou, and Colorado Springs, Colo. (Aug. 1-17, 1914).	To conduct investigations relative to brisquet disease and other infections of animals, and to address Second Annual Convention of the National Association of Bureau of Animal Industry Employees.	184.62	Do.
Do.....	do.....	Niles and Kalamazoo, Mich. (Oct. 14-20, 1914).	To investigate an outbreak of foot-and-mouth disease.	78.43	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.....	do.....	Philadelphia, Pa. (Nov. 27-29, 1914).....	To confer with the State veterinarian of Pennsylvania regarding the progress of foot-and-mouth disease eradication in Pennsylvania.	15.15	General expenses, Bureau of Animal Industry, 1915 (administrative expenses).
Do.....	do.....	Chicago, Ill. (Feb. 14-18, 1915).....	To attend the annual meeting of the United States Live Stock Sanitary Association.	75.45	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	Philadelphia Pa. (Apr. 9-11, 1915).....	To confer with the State veterinarian of Pennsylvania with reference to modifying the quarantine in certain counties of the State on account of improved conditions relating to the eradication of foot-and-mouth disease, and to endeavor to locate a high-class dairyman who may be selected as an appraiser of the dairy value of the show cattle now in quarantine at Hawthorne Park. Ill.	14.65	Do.
Do.....	do.....	Chicago, Ill.; South Bend, Ind.; and Niles Mich. (May 16-21, 1915).	To investigate work of eradicating foot-and-mouth disease.	74.42	Do.
Do.....	do.....	Cleveland, Ohio (June 9-12, 1915).....	To attend meeting of bureau inspectors on meat inspection.	39.65	Meat inspection, 1915.
Morse, E. W.....	Specialist in animal husbandry.	Philadelphia, Pa. (Aug. 26-27, 1914).....	To collect data on feeding and breeding dairy cattle.	11.66	General expenses, Bureau of Animal Industry, 1915 (dairy industry).
Moseley, Thos. W.....	Assistant dairy husbandman.	Chicago, Ill. (Oct. 21-28, 1914).....	To attend conference of cow-testing association workers and to attend various meetings to be held at the National Dairy Show.	38.30	Do.
Do.....	do.....	Points in the State of Iowa (Nov. 20-Dec. 31, 1914).	To assist in eradicating foot-and-mouth disease.	173.41	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).

EXPENDITURES FOR TRAVEL.

Do.....	do.....	Des Moines, Iowa (Jan. 1-22, 1915).....	115.74	Eradication of foot-and-mouth disease, 1915.
Muller, John H.....	Veterinary inspector.....	Martinsburg, W. Va.; Winchester, Va.; and Baltimore, Md. (Mar. 4-Apr. 30, 1915).	116.40	Eradication of foot-and-mouth and other contagious diseases of animals, 1915-16.
O'Brien, L. C.....	Clerk.....	Cleveland, Ohio (June 9-14, 1915).....	36.21	Meat inspection, 1915.
Parks, G. H.....	Architect.....	Athens, Atlanta, and Valdosta, Ga.; Omaha and Nebraska City, Nebr., and Chicago, Ill. (Sept. 15-27, 1914).	147.32	Do.
Do.....	do.....	Memphis, Morristown, and Greenville, Tenn., and Louisville, Ky. (Jan. 30-Feb. 5, 1915).	82.46	Do.
Do.....	do.....	Cleveland, Ohio (June 9-12, 1915).....	38.95	Do.
Do.....	do.....	Beltsville, Md. (May 28, June 5, 9, 14, 18, 21, 23, 25, 28, and 30, 1915).	1.63	Eradication of foot-and-mouth disease, 1915.
Parks, Karl E.....	Dairy engineer.....	Pittsburgh, Allegheny, and Grove City, Pa. (Nov. 23-26, 1914).	28.96	General expenses, Bureau of Animal Industry, 1915 (dairy industry).
Do.....	do.....	Pittsburgh, Allegheny, Erie, and Grove City, Pa. (Dec. 31, 1914-Jan. 8, 1915).	54.77	Do.
Do.....	do.....	Pittsburgh, Allegheny, Grove City, and Erie, Pa. (Jan. 31-Feb. 5, 1915).	9.06	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	Grove City, Pa. (Mar. 15-18 and Apr. 15-18, 1915).	52.80	Do.
Do.....	do.....	Grove City, Pa. (May 14-16, 1915).	59.43	Do.
Do.....	do.....	Grove City, Pa. (June 3-6, 16-20, 27-30, 1915).	101.06	Do.
Peffers, Harry B.....	Clerk.....	Vienna, Va. (Sept. 23, 1914).....	1.54	General expenses, Bureau of Animal Industry, 1915 (diseases of animals).
Do.....	do.....	Beltsville, Md. (Oct. 12, 1914).....	.57	General expenses, Bureau of Animal Industry, 1915 (dairy industry).
Do.....	do.....	Vienna, Va. (Sept. 30, Oct. 15, 19, and 31, 1914).	5.03	General expenses, Bureau of Animal Industry, 1915 (diseases of animals).
Do.....	do.....	Chicago, Ill. (May 23-June 2, 1915).....	73.18	Eradication of foot-and-mouth and other contagious diseases of animals, 1915-16.



Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

## BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Pike, A. B., jr.....	Junior dairyman.....	Leesburg, Round Hill, Delaplane, and Winchester, Va. (July 10-31, 1914).	To conduct dairy farming investigations.....	\$47.95	General expenses, Bureau of Animal Industry, 1915 (dairy industry).
Do.....	do.....	Charlottesville, Leesburg, Orange, and Woodstock, Va. (Aug. 1-31, 1914).	do.....	81.62	Do.
Do.....	do.....	Strasburg, Round Hill, Occoquan, Alexandria, Falls Church, and Manassas, Va. (Sept. 1-29, 1914).	To conduct dairy extension work in Virginia, including assistance in the location and construction of dairy buildings, giving advice in regard to feeding and management of dairy animals and record keeping.	52.66	Do.
Do.....	do.....	Alexandria, Va. (Oct. 1, 1914).....	To conduct dairy investigations, including herd record work.	1.30	Do.
Do.....	do.....	Richmond, Va., and Fredericksburg, Va. (Oct. 6-9, 1914).	To conduct dairy investigation and extension work in Virginia, including herd record work, advising and giving assistance on dairy building construction.	24.44	Do.
Do.....	do.....	Orange, Va. (Oct. 12-14, 1914).....	To judge cattle at the Orange County Fair.....	6.96	Do.
Do.....	do.....	Fairfax, Va. (Oct. 15, 1914).....	To attend the Fairfax County Fair.....	1.90	Do.
Do.....	do.....	Asburn and McClain, Va. (Oct. 26-27, 1914).	To conduct dairy investigations and extension work in Virginia, including herd record work, advising and giving assistance on dairy building construction.	4.45	Do.
Do.....	do.....	Athens, Ga. (Nov. 2-9, 1914).....	To confer with college officials concerning a vacancy in the personnel of the bureau in that State.	40.58	Do.
Pistor, A. J.....	Veterinary inspector.....	New York, N. Y. (July 15-23, 1914).....	To investigate certain conditions relating to meat inspection.	52.92	Meat inspection, 1915.
Do.....	do.....	Morristown, Tenn.; Bristol and North Tazewell, Va. (Oct. 13-17, 1914).	To conduct supervisory inspection of forces at field stations.	43.51	Do.
Do.....	do.....	New York, N. Y. (Dec. 14-16, 1914).....	To investigate certain matters concerning meat inspection.	18.02	Do.
Do.....	do.....	New York, N. Y. (Feb. 10-12, 1915).....	To investigate certain foot-and-mouth disease conditions.	18.75	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	Cleveland, Ohio (June 9-12, 1915).....	To attend meeting of bureau inspectors on meat inspection.	38.80	Meat inspection, 1915.
Pope, George W.....	Assistant Chief Quarantine Division.....	Front Royal, Va. (Apr. 14-15, 1915).....	To inspect horses for interstate shipment.....	7.13	Eradication of foot-and-mouth disease, 1915.
Potter, George M.....	Veterinary inspector.....	Sterling, Va. (July 9, 1914).....	To administer prophylactic treatment against infectious abortion of cattle.	1.00	General expenses, Bureau of Animal Industry, 1915 (diseases of animals).
Do.....	do.....	Round Hill, Va. (Nov. 5, 1914).....	To obtain samples of blood of diseased animals.	1.85	Do.

Do.....	Christianburg, Blacksburg, and Roanoke, Va. (Jan. 26-31, 1915).	To test cattle for tuberculosis and to obtain samples of blood from cows for abortion tests.	19.88	Eradication of foot-and-mouth disease, 1915.
Price, T. M.....	Cedar Rapids, Iowa (July 19-25, 1914).....	To inspect the water supply at an official establishment.	78.67	Meat inspection, 1915.
Do.....	Cleveland, Ohio (June 9-12, 1915).....	To attend a meeting of bureau inspectors on meat inspection.	38.45	Do.
Do.....	Chicago, Ill. (June 26-30, 1915).....	To make inspection of meats at an official establishment.	44.00	Do.
Rabild, Helmer.....	State College and Titusville, Pa.; Jamestown and Elmira, N. Y. (Sept. 13-17, 1915).	To confer with officials of colleges concerning qualifications of applicants for positions in bureau, and to confer with Cornell University officials concerning work of the bureau, in progress.	37.23	General expenses, Bureau of Animal Industry, 1915 (dairy industry).
Do.....	Springfield, Ill.; Carthage and Kansas City, Mo.; and Lincoln, Nebr. (Sept. 18-26, 1914).	To confer with bureau employees and college authorities concerning bureau work, attend Southwest Missouri Dairy meeting at Kansas City, and deliver addresses on dairying.	122.94	Do.
Do.....	Chicago, Ill.; St. Paul, and Sank Center, Sherburn, Fox Lake, and Alexandria, Minn.; Fargo, Bismarck, New Salem, N. Dak.; Algona and Emmetsburg, Iowa (Oct. 21-Nov. 10, 1914).	To Chicago to attend meeting of Congress of Marketing, National Ice Cream, Manufacturing and Cheese Makers round-up; St. Paul to confer with parties in regard to the qualifications of certain parties for dairy work; confer with college authorities in regard to work being done and to various points to inspect work now in progress.....	133.93	Do.
Do.....	State College, Pa. (Apr. 7 and 9, 1915).....	To confer with director of extension work at State college concerning work of bureau.	20.11	Eradication of foot-and-mouth disease, 1915.
Do.....	Columbus, Ohio; Indianapolis and La Fayette, Ind.; Chicago, Ill.; Des Moines and Ames, Iowa; Omaha, Nebr.; and St. Paul, Minn. (Apr. 14-25, 1915).	To confer with parties concerning dairy work and with bureau employees concerning progress of bureau work.	135.94	Do.
Ramsay, R. A.....	Birmingham, Ala.; Meridian, Miss.; and New Orleans, La. (Aug. 9-17, 1914).	To attend the Southern Cattlemen's Association meeting at Meridian, Miss., and at other places in Alabama and Louisiana relative to progress of the work of tick eradication.	107.32	General expenses, Bureau of Animal Industry, 1915. (eradicating cattle ticks).
Do.....	Chicago, Ill. (Sept. 27-Oct. 2, 1914).....	To confer with bureau employees for the purpose of inaugurating the work relating to the control and eradication of bovine tuberculosis in the area under quarantine in the State of Illinois.	70.56	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.....	Albany, N. Y. (Oct. 21-25, 1914).....	To Albany to attend meeting of Eastern Live Stock Sanitary Association and deliver an address. To Niles, Mich., to confer with bureau employees in regard to the eradication of foot-and-mouth disease.	71.67	Do.
Do.....	Chicago, Ill.; Niles, Mich.; Buffalo, N. Y.; Harrisburg and Lancaster, Pa. (Oct. 30-Nov. 7, 1914).	To organize the forces and direct the work in connection with the quarantine for foot-and-mouth disease.	84.06	Do.
Ransom, B. H.....	Front Royal, Va., and Oakton, Md. (July 13-17, 1914).	To locate a farm suitable for investigations and experiments relating to roundworms in sheep.	9.02	General expenses, Bureau of Animal Industry, 1915 (diseases of animals).
Do.....	Chicago, Ill. (Oct. 5-24, 1914).....	To conduct investigations for trichina.....	142.66	Meat inspection, 1915.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Ransom, B. H.	Chief Zoological Division.	Vienna, Va. (Oct. 31, 1914).....	To inspect work carried on by the bureau at the Government sheep farm.	\$0.70	General expenses, Bureau of Animal Industry, 1915 (diseases of animals).
Do.	do.	Chicago, Ill. (Nov. 3-Dec. 14, 1914).....	To conduct investigations for trichina.....	225.39	Meat inspection, 1915.
Do.	do.	Philadelphia, Pa. (Dec. 28, 1914-Jan. 1, 1915).....	do.	19.20	Do.
Do.	do.	New York, N. Y. (Jan. 17-19, 1915).....	To conduct certain refrigeration experiments with trichinous pork.	18.80	Do.
Do.	do.	Chicago, Ill. (Feb. 14-21, 1915).....	To attend the annual meeting of the United States Live Stock Sanitary Association.	78.88	Eradication of foot-and-mouth disease, 1915.
Do.	do.	Cleveland, Ohio (June 9-12, 1915).....	To attend meeting of bureau inspectors on meat inspection.	40.00	Meat inspection, 1915.
Rawl, B. H.	Chief Dairy Division.	Boston, Mass. (July 1-2, 1914).....	To attend meeting of State, Federal, and other officials regarding a milk survey of New England.	19.80	General expenses, Bureau of Animal Industry, 1915 (dairy industry).
Do.	do.	Portland, Me. (July 14-23, 1914).....	To attend the convention of American Dairy, Food, and Drug Officials at Portland, Me.	48.93	Do.
Do.	do.	New Orleans, La., and Meridian, Miss. (Aug. 8-17, 1914).....	To investigate and supervise administrative work of the Dairy Division and to make arrangements for the proposed live-stock work in Louisiana.	128.33	Do.
Do.	do.	New Orleans, La. (Aug. 21-31, 1914).....	do.	110.88	Do.
Do.	do.	Bethesda, Md. (Sept. 1-2, 1914).....	To supervise dairy work at experimental farm.	.90	Do.
Do.	do.	Salisbury, Conn.; New York, N. Y.; Chicago, Ill.; Fort Atkinson, Wis.; Omaha and Lincoln, Nebr.; Denver, Colo.; Salt Lake City, Utah; Fallen, Nev.; Butte and Bozeman, Mont.; Bismarck, N. Dak. (Sept. 5-27, 1914).....	To inspect dairy work of the bureau and to confer with employees regarding future work of the bureau.	292.21	Do.
Do.	do.	Baton Rouge, New Orleans, New Iberia, and Jeanerette, La. (Oct. 4-12, 1914).....	To supervise work in connection with live-stock demonstrations and investigations, cane-sugar and cotton districts of the United States.	116.19	Experiments and demonstrations in live-stock products, 1915.
Do.	do.	Charlotte, N. C., and Chicago, Ill. (Oct. 21-31, 1914).....	To Clemson College to attend the annual conference of the Southern Agricultural Workers and deliver addresses on subjects pertaining to the dairy industry. To Chicago, Ill., to attend the National Dairy Show and the various meetings to deliver addresses on subjects pertaining to the dairy industry.	114.16	General expenses, Bureau of Animal Industry, 1915 (dairy industry).



Do.....	do.....	Beltsville, Md. (Nov. 2, 4, 6, 9, 11, 13, 14, 17, 18, and 27, 1914).	To supervise work at experimental farm.....	3.08	Do.
Do.....	do.....	Baltimore, Md. (Nov. 20, 1914).	To attend meeting of the Maryland State Dairymen's Association and deliver address. To points in South Carolina, Georgia, Alabama, Illinois, Louisiana, and Arkansas, for the purpose of supervising and inspecting the dairy work in progress.	1.60	Do.
Do.....	do.....	Columbia and Greenwood, S. C.; Athens, Lula, and Atlanta, Ga.; Baton Rouge, New Iberia, Hope, Jeanerette, and Sanders Place, La.; Little Rock, Ark.; St. Louis, Mo.; and Chicago, Ill. (Jan. 14-31, 1915).	To supervise the work in progress.	161.88	Do.
Do.....	do.....	Columbia, S. C. (Feb. 2-7, 1915).	To Columbia, S. C., to appear before the General Assembly of South Carolina and deliver an address and give such information on eradication of cattle ticks as was desired. To make such arrangements as may be necessary for the construction of an experimental creamery which is to be built by a local company and leased to the department.	37.90	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	Grove City, Pa. (Feb. 9-11, 1915).	To Greenville and Calhoun, S. C. agents and stock extension workers, State agents and officials of the bureau concerning policies to be followed in creamery and live-stock extension work, and to Calhoun to supervise the dairy work of the bureau.	26.52	Do.
Do.....	do.....	Greenville and Calhoun, S. C. (Mar. 23-26, 1915).	To Greenville to attend a conference of live-stock extension workers, State agents and officials of the bureau concerning policies to be followed in creamery and live-stock extension work, and to Calhoun to supervise the dairy work of the bureau.	35.15	Do.
Do.....	do.....	Calhoun and Seneca, S. C.; New Orleans, New Iberia, and Baton Rouge, La.; Brookhaven, Miss.; and Birmingham, Ala. (Apr. 7-20, 1915).	To supervise and investigate the dairy work of the bureau.	130.02	Do.
Do.....	do.....	Beltsville, Md., and Cherrys and Columbia, S. C. (May 11-15, 1915).	.....do.....	47.00	Do.
Do.....	do.....	Annapolis and Beltsville, Md. (May 17, 18, 19, 21, 22, 24, 25, and 26, 1915.)	To supervise the work being done at the Beltsville experimental farm and to inspect the dairy of the Naval Academy.	7.47	Do.
Ray, S. H.	Assistant in live stock.	Plattsmouth, Nebraska, and Omaha, Nebr.; Shelby Sioux City, and Sheldon, Iowa; Mitchell, Alexandria, Beresford, and Salem, S. Dak.; Kansas City, St. Mary, Manhattan, Herington, McFarland, Kans.; Columbia, Boonesville and Franklin, Fayette, and St. Louis, Mo.; Quincy, Carthage, Elveston, and Springfield, Ill. (Aug. 1-Oct. 19, 1914).	To visit farmers throughout to secure records in connection with the beef investigations being conducted by the bureau.	548.96	General expenses, Bureau of Animal Industry, 1915 (animal husbandry.)
Do.....	do.....	Wichita, Cedar Point, and Augusta, Kans.; Louisville, Lexington, and Versailles, Ky. (Nov. 24-Dec. 17, 1914).	To assist in eradicating foot-and-mouth disease.	164.85	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine.)
Do.....	do.....	Indianapolis, Bloomington, and Bloomfield, Ind., and Chicago, Ill. (Jan. 8-18, 1915).	To collect data for beef cattle cost accounting investigation.	112.55	General expenses, Bureau of Animal Industry, 1915 (animal husbandry.)
Do.....	do.....	Rock Hill, Columbia, Greenwood, Camden, and Winstboro, S. C. (Apr. 13-17, 1915).	To conduct experiment in beef production....	64.90	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	Marshall, Va. (Apr. 28-29, 1915).	.....do.....	3.60	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

## BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Ray, S. H.....	Assistant in live stock.	Snow Hill and Princess Anne, Md. (May 18-21, 1915).	To attend farmer's institute meetings and to deliver lectures on general live stock and to give special attention to the beef cattle industry.	\$15.36	Eradication of foot-and-mouth disease, 1915.
Rogers, L. A.....	Senior dairyman.....	Harrisburg, Pittsburgh, Grove City, and Mifflin, Pa. (July 6-10, 1915).	To consult business men and farmers in regard to the establishment of an experimental creamery.	36.14	General expenses, Bureau of Animal Industry, 1915 (dairy industry).
Do.....	do.....	Pittsburgh, Pa. (Aug. 4-7, 1914).....	To consult with business men of Grove City, Pa., in regard to establishment of experimental creamery.	24.90	Do.
Do.....	do.....	Grove City, Pa., and Cleveland, Ohio (Nov. 3-26, 1914).	To arrange for the construction of an experimental creamery which is to be built by certain local stock company and leased to the department for the purpose of carrying on creamery investigations. To Cleveland, Ohio, to confer with a physiologist regarding his qualifications for a position in the dairy laboratories.	60.25	Do.
Do.....	do.....	Jacksonville, Fla. (Nov. 29-Dec. 3, 1914)....	To attend a meeting of the American Public Health Association to read a paper entitled "Significance of streptococci and colon bacilli in milk."	59.00	Do.
Do.....	do.....	Grove City, Pa. (Jan. 31-Feb. 11, 1915).....	To confer with the management of a local creamery company relative to the construction of an experimental creamery which is to be leased to the department for the purpose of conducting experiments in the dairy industry.	71.14	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	State College, Pa. (Mar. 30-Apr. 1, 1915)....	To attend conference with State official regarding cooperative work with the Pennsylvania State College on metabolism in dairy cows.	12.90	Do.
Do.....	do.....	New York, N. Y. (Apr. 7-9, 1915).....	To attend a meeting of the milk commission of the New York Milk Committee at New York.	20.70	Do.
Do.....	do.....	Chicago, Ill. (May 20-22, 1915).....	To confer with a candidate for a position in the Dairy Division.	52.75	Do.
Do.....	do.....	Grove City, Pa. (June 3-6, 27-30, 1915).....	To Grove City, Pa., twice, to supervise work of installing equipment in experimental creamery.	53.60	Do.

Rommel, Geo. M.	Chief Animal Husbandry Division.	Beltsville, Md. (July 20, 1914)	To inspect work in progress at the experimental farm at Beltsville, Md.	.40	General expenses, Bureau of Animal Industry, 1915 (Animal Husbandry).
Do	do	Front Royal, Va. (July 21-27, 1914)	To inspect the horses owned by the department at Front Royal, Va., and cull out those not needed in the Army horse-breeding work.	13.00	Do.
Do	do	Meridian, Miss. (Aug. 10-15, 1914)	To attend the meeting of the Southern Cattle-men's Association.	48.15	Do.
Do	do	Baltimore, Md. (Aug. 20, 1914)	To examine a shipment of Karakule sheep in quarantine at that place.	4.65	Do.
Do	do	Front Royal, Va., and White River Junction, Vt. (Aug. 27-Sept. 25, 1914)	To Front Royal, Va., to purchase mares and ewes for United States sheep farm of Zoological Division at Vienna, Va., and to White River Junction to attend Vermont State Fair.	97.99	Do.
Do	do	New Orleans, Baton Rouge, New Iberia, State Farm, and Lake Charles, La. (Oct. 4-12, 1914)	To investigate the possibilities of live-stock production in Louisiana.	107.10	Do.
Do	do	Beltsville, Md. (Oct. 22, 1914)	To inspect the animal husbandry investigations being conducted at the United States experimental farm.	10.50	Do.
Do	do	Beltsville, Md. (Nov. 19, 1914)	To supervise work being done at the experimental farm.	.25	Eradication is foot-and-mouth disease, 1915.
Do	do	Wooster, Ohio (Feb. 3-5, 1915)	To attend a meeting of the Ohio Live Stock Association and deliver an address on "Breeding of meat and work animals."	32.85	Do.
Do	do	Middlebury, Vt. (Mar. 3-7, 1915)	To attend the Farmers' Winter Stock Show and Judging Demonstration.	44.74	Do.
Do	do	Beltsville, Md. (Apr. 25, 26, 27, 28, 29, and 30, 1915)	To inspect the work of the bureau in progress at the United States experimental farm.	3.35	Do.
Do	do	Middlebury, Vt. (Apr. 27-30, 1915)	To inspect bureau work at the Morgan horse farm.	37.30	Do.
Do	do	Beltsville, Md. (May 4-14, 1915)	To inspect work of the bureau in progress.	.65	Do.
Do	do	Middlebury, Vt.; Chicago, Ill.; Laramie, Wyo.; Fort Collins, Colo.; Amarillo, Tex.; Phoenix and Yuma, Ariz.; El Centro, and San Francisco, Cal.; and Salt Lake City, Utah (June 2-30, 1915).	To Middlebury, Vt., to inspect the horse-breeding work being conducted at the Morgan horse farm; travel in Western States to inspect the field work being conducted by the Animal Husbandry Division, and to study the possibilities of live-stock raising in dry land and irrigated farms.	354.18	Do.
Schoening, H. W.	Veterinary inspector	Points in the State of Maryland (Nov. 12, 1914-Jan. 31, 1915).	To assist in eradicating foot-and-mouth disease.	234.98	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do	do	Baltimore, Denton, Westminster, Cambridge, Maryland, Rossville, and Germantown, Md.; Delta, Pa.; and Wilmington, Del. (Feb. 1-Mar. 15, 1915).	do	352.08	Eradication of foot-and-mouth and other contagious diseases of animals, 1915-16.
Shaw, George H.	Sanitary engineer	Hunter, Va. (Oct. 9, 1915)	To make a survey of the ground and give expert advice concerning the water supply on the sheep farm near Vienna, Va.	.70	General expenses, Bureau of Animal Industry, 1915 (diseases of animals).



*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Shaw, George H.....	Sanitary engineer.....	Jacksonville, Fla.; New Orleans, La.; Natchez, Miss.; Memphis and Nashville, Tenn.; Cincinnati, Ohio; and Brooklyn, N. Y. (Nov. 23-Dec. 31, 1914).	To make inspection of Federal establishments and to attend annual meeting of American Public Health Association at Jacksonville, Fla.	\$234.58	Meat inspection, 1915.
Do.....	do.....	New York, N. Y.; Paterson, N. J.; and New Haven, Conn. (Jan. 3-27, 1915).	To make inspection of packing houses.....	70.88	Do.
Do.....	do.....	New York, N. Y.; Newark, N. J.; Hartford, Conn.; Boston, Mass.; and Providence, R. I. (Mar. 1-14, 1915).	To make inspection of packing houses and rendering works.	66.41	Do.
Do.....	do.....	Chicago, Ill.; St. Louis, Mo.; and Dallas, Tex. (May 5-16, 1915).	To inspect packing houses with special reference to reducing the fly nuisance.	155.97	Do.
Do.....	do.....	Cleveland, Ohio (June 9-13, 1915).....	To attend meeting of bureau inspectors on meat inspection.	44.28	Do.
Do.....	do.....	Philadelphia, Pa. (June 15-16, 1915).....	To inspect packing houses.....	11.15	Do.
Shaw, R. H.....	Dairymen.....	Frederick, Md. (Aug. 13-14, 1914).....	To inspect renovated butter factory.....	7.87	General expenses, Bureau of Animal Industry, 1915 (dairy industry).
Shore, H. J.....	Bacteriologist.....	Philadelphia, Pa.; Lexington, Ky.; and Clemson College, S. C. (July 8-28, 1914).	To inspect hog-cholera serum plants.....	66.47	Investigation, etc., hog cholera and dourine (viruses, serums, and toxins, 1915).
Do.....	do.....	Chicago, Ill.; Grand Rapids, Mich.; and Buffalo, N. Y. (Sept. 17-20, 1914).	To investigate conditions existing at establishments manufacturing antihog-cholera serum.	58.39	Do.
Do.....	do.....	Chicago, Monmouth, Ill.; Wichita, Kans.; and Indianapolis, Ind. (Nov. 21, 1914-Jan. 2, 1915).	To investigate methods of manufacturing antihog-cholera serum and hog-cholera virus and to address the school of the fifteenth congressional district of Illinois.	261.77	Do.
Do.....	do.....	New Brunswick, N. J. (Apr. 9, 1915).....	To make inspection of a licensed establishment manufacturing virus.	14.03	Do.
Slocum, Rob. R.....	Scientific assistant in animal husbandry.	Beltsville, Md. (Aug. 6, 10, and 17-Sept. 1, 8, 14, 16, 20, 25, and 28, 1914).	To supervise poultry experiments being carried on at the United States experimental farm.	3.03	General expenses, Bureau of Animal Industry, 1915 (animal husbandry).
Do.....	do.....	Beltsville, Md. (Oct. 1, 6, 10, and 13, 1914).	do.....	1.59	Do.
Do.....	do.....	Beltsville, Md. (Oct. 17, 21, 23, 24, 27, and 31-Nov. 2, 3, 7, 14, 16, 21, 24, and 25, 1914).	do.....	8.16	General expenses, Bureau of Animal Industry, 1915 (poultry feeding and breeding).
Do.....	do.....	Beltsville, Md. (Dec. 1, 5, 7, 12, and 17, 1914; Jan. 4, 8, 9, 11, 16, 23, 25, 26, and 30; Feb. 1, 2, 5, 8, 13, 15, 17, 20, 23, 24, and 26, 1915).	To supervise the feeding and breeding experiments being carried on at the United States experimental farm.	13.20	Do.

EXPENDITURES FOR TRAVEL.

Do.	do.	Beltsville, Md. (Mar. 1, 2, 3, 5, 8, 10, 11, 12, 13, 16, 18, 19, 20, 22, 23, 24, 25, 27, and 29, 1915).	2. 25	To conduct experiments in breeding and feeding poultry.	Eradication of foot-and-mouth disease, 1915.
Do.	do.	Beltsville, Md. (Apr. 2, 3, 5, 6, 7, 8, 9, 10, 12, 14, 16, 19, 21, 24, 25, 27, 28, and 30, 1915).	2. 27	To supervise the poultry feeding and breeding experiments being carried on at the United States experimental farm.	Do.
Do.	do.	Beltsville, Md. (May 3, 4, 5, 7, 11, 14, 17, 19, 22, 24, 26, 27, and 28, 1915).	1. 94	do.	Do.
Do.	do.	Beltsville, Md. (June 1, 2, 4, 7, 9, 14, 16, 17, 23, 29 and 30, 1915).	1. 10	do.	Do.
Smith, H. E.	Veterinary inspector.	Points in Maryland and Virginia in the vicinity of the District of Columbia (July 2-Oct. 13, 1914).	115. 28	To conduct tuberculosis investigations.	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.	do.	Niles, Buchanan, Charlotte, Grand Rapids, Holland, Adrian, Linden, Flint, and Hillsdale, Mich.; Boston, Mass.; Nashua, Franklin, Manchester, and Bennington, N. H. (Oct. 14-Dec. 31, 1914).	317. 43	To assist in eradicating foot-and-mouth disease.	Do.
Do.	do.	Nashua, N. H.; Taunton, Boston, Attleboro, and North Attleboro, Mass. (Jan. 1-31, 1915).	118. 43	do.	Eradication of foot-and-mouth disease, 1915.
Do.	do.	Boston, Worcester, Lowell, and Northboro, Mass.; New Haven, New Britain, Norwich, New London, Putnam, and Hartford, Conn.; Bethel and White River Junction, Vt.; Manchester, N. H. Caribou and Bangor, Me. (Feb. 1-June 30, 1915).	737. 03	do.	Eradication of foot-and-mouth and other contagious diseases of animals 1915-16.
Smith, Russell S.	Assistant milk specialist.	To Cumberland, Md. (Nov. 4-20, 1914).	82. 37	To score dairy barns and equipment in Cumberland, Md., and vicinity.	General expenses, Bureau of Animal Industry, 1915 (dairy industry).
Do.	do.	Annapolis, Md. (Nov. 20, 1914).	2. 15	To inspect the dairy of the Naval Academy.	Do.
Do.	do.	Providence, Washington, Hughesdale, Kettle Point, Harmony, Lomeroch, Cranston, Centerville, and West Providence, R. I. (Nov. 21, 1914-Jan. 4, 1915).	166. 15	To assist in eradicating foot-and-mouth disease.	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.	do.	Winona and Peoria, Ill., and Tampa, Fla. (Jan. 23-Feb. 14, 1915).	244. 32	To Winona, Minn., to score 50 dairy farms supplying the city with milk; Peoria, Ill., to attend meeting of Illinois State Dairymen's Association, in charge of exhibits and to deliver an address. To Tampa, Fla., in charge of Pure Food and Dairy Show held by city of Pure Food department, also to conduct scoring contest, judging and testing the entries.	Eradication of foot-and-mouth disease, 1915.
Do.	do.	College Park, Md. (Feb. 26, 1915).	. 30	To attend the winter short course of the Maryland Agriculture College and deliver an address on the subject of "Production of sanitary milk."	Do.
Do.	do.	Dobbs Ferry, N. Y. (Mar. 4-7, 1915).	21. 97	To assist a local inspector, and to score dairies.	Do.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Smith, Russell S.....	Assistant milk specialist.	Northampton and Amherst, Mass.; Stamford, and Greenwich, Conn. (Mar. 13-24, 1915).	To score milk, dairy farms, and to give instructions for the use of score cards.	\$43.36	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	Dubuque, Iowa (May 9-31, 1915).....	To assist in improving the milk supply in co-operation with the Bureau of Chemistry, United States Department of Agriculture, and local authorities, and to attend meetings of farmers, dairymen, and others interested in better milk production.	101.54	Do.
Do.....	do.....	Dubuque, Keokuk, and Davenport, Iowa (June 1-30, 1915).	do.....	149.58	Do.
Smith, Wm. H., jr.....	Veterinary inspector..	New York, N. Y. (Aug. 29-Sept. 2, 1914) ..	To investigate conditions under which imported meat and products are handled with a view of improving that branch of the meat inspection work.	36.15	Meat inspection, 1915.
Do.....	do.....	Pittsburgh, Pa.; Chicago, Ill., and Cincinnati, Ohio (June 20-26, 1915).	To secure witnesses on behalf of the United States in the case of the United States v. Pittsburgh Melting Co.	71.35	Do.
Sondegaard, M. P. A.....	Dairyman.....	New York, N. Y., and Philadelphia, Pa. (Feb. 1-Mar. 15, 1915).....	To investigate the facilities for marketing dairy products and to devise means for improving methods now in use for handling and marketing such products.	189.11	Marketing and distributing farm products, 1915.
Do.....	do.....	St. Paul, Minn.; Madison, Wis.; Chicago, Ill.; Milwaukee, Wis., and New York, N. Y. (Apr. 1-June 30, 1915).	do.....	463.58	Do.
Steddom, R. P.....	Chief, meat inspection division.	Cleveland, Ohio (June 9-13, 1915).....	To attend meeting of bureau inspectors on meat inspection.	41.80	Meat inspection, 1915.
Stambaugh, U. G.....	Junior animal husbandman.	Beltsville, Md. (July 1-31, 1914).....	To supervise the horse feeding investigations being conducted at the experimental farm.	31.50	General expenses, Bureau of Animal Industry, 1915 (animal husbandry).
Do.....	do.....	Baltsville, Md. (Nov. 3-30, Dec. 1-23, 1914, and Jan. 5-22, 1915).	To supervise work being done at the experimental farm.	12.47	Do.
Do.....	do.....	Beltsville, Md. (Feb. 2-17, Mar. 1-31, and Apr. 1-30, 1915).	To supervise the horse feeding and breeding work conducted on the United States experimental farm.	8.97	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	Beltsville, Md. (May 3-23 and June 1-28, 1915).	To supervise the horse and mule investigations being conducted at the United States experimental farm.	35.69	Do.
Thom, Charles.....	Senior dairyman.....	Helena, Greyhiff, and Bozeman, Mont. (Aug. 10-27, 1914).	To cooperate with the Veterinarian of Montana in studying an outbreak of forage poisoning among the horses upon ranches.	180.68	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).



Do.....	.....do.....	Sandy Hill and Baltimore, Md. (Aug. 31-Sept. 4, 1914).	To investigate an alleged outbreak of forage poisoning of animals.	25.02	General expenses, Bureau of Animal Industry, 1915 (diseases of animals).
Thompson, S. C.....	.....do.....	Mifflin and Pittsburgh, Pa. (July 6-10, 1914).	To select a location for an experimental creamery.	35.75	General expenses, Bureau of Animal Industry, 1915 (dairy industry).
Do.....	.....do.....	Binghampton and Meridale, N. Y., and Sayre, Pa. (July 16-21, 1914).	To investigate the quality of butter and conditions of packing navy butter and to confer with inspectors of Navy contracts.	44.47	Do.
Do.....	.....do.....	Ithaca, Albany, and New York, N. Y., Burlington, Vt., and Boston, Mass. (Aug. 13-Sept. 12, 1914).	To confer with a cheese specialist at Ithaca, N. Y., and to confer with bureau and State officials concerning the progress of work done at Vermont and New York, and to confer with creamery and butter dealers in Boston, Mass., and New York City.	79.69	Do.
Do.....	.....do.....	Des Moines and Council Bluffs, Iowa; St. Paul and Albert Lea, Minn.; and Chicago, Ill. (Oct. 15-29, 1914).	To confer with bureau employees relative to work in progress and to confer with agricultural colleges and State dairy officials relative to proposed cooperation work.	138.62	Do.
Do.....	.....do.....	Boston, Mass.; Bangor, Me.; and Burlington, Vt. (Dec. 6-15, 1914).	To inspect a renovated-butter factory at Boston, Mass. To attend a meeting of the Maine Dairyman's Association at Bangor, Me., conferring with officials at Burlington, Vt., relative to cooperative work in progress between the association of Vermont and this department.	72.01	Do.
Do.....	.....do.....	Points in North Carolina; Charlottesville and Waynesboro, Va.; Greenville and Calhoun, S. C. (Jan. 15-27, 1915).	To inspect creameries established and investigate opportunities for establishing creameries in other localities and to attend creamery meetings at Mooresville, N. C., and Waynesboro, Va.	105.43	Do.
Do.....	.....do.....	Atlanta, Macon, and Albany, Ga.; Mobile, Bay Minette, and Tuscaloosa, Ala.; West Point, Meridian, and Jackson, Miss.; Shreveport and New Orleans, La.; and Houston, Tex. (Feb. 2-22, 1915).	To inspect creameries already established and investigate the opportunities for establishing others in the various Southern States visited.	207.49	Do.
Do.....	.....do.....	Grove City, Pa.; Chicago, Ill.; St. Paul, Minn.; Mason City, Iowa; and Pittsburgh, Pa. (Mar. 5-12, 1915).	To confer with bureau employees at Grove City, Pa., regarding the experimental creamery being erected there, also to confer with bureau employees at Chicago and St. Paul regarding work of the bureau, and to attend and deliver an address at the National Creamery Buttermakers' Association at Mason City, Iowa, and at Pittsburgh, Pa., in regard to the sale of products made at Grove City, Pa.	100.84	Eradication of foot-and-mouth disease, 1915.
Do.....	.....do.....	Greenville and Clemson College, S. C. (Mar. 23-27, 1915).	To attend a meeting of dairy feed agents and State demonstration agents in the Southern States, also representatives of the Dairy Division, Animal Husbandry Division, Office of Markets and Office of Farm Demonstration.	47.45	Do.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Thompson, S. C.....	Senior dairyman.....	Ithaca, N. Y. (Apr. 1-3, 1915).....	To give instructions to official selected to inspect butter for the Navy Department, also to interview a prospective appointee of the bureau.	\$22.53	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	Pittsburgh and Grove City, Pa. (Apr. 30-May 5, 1915).	To supervise dairy manufacturing work of the bureau.	32.96	Do.
Do.....	do.....	Athens, Atlanta, Eatonton, Madison and Calhoun, Ga., and Auburn, Ala. (May 24-29, 1915).	To confer with employees of the bureau regarding work in progress and to investigate the methods of conducting the work.	69.55	Do.
Do.....	do.....	Alleghany, Pittsburgh, and Grove City, Pa.; Chicago, Ill.; Milwaukee, Wis.; St. Paul, Mora, and Albert Lea, Minn.; Marshalltown and Ames, Iowa (June 8-16, 1915).	To confer with bureau employees, State dairy officials, and college authorities in regard to the dairy work of the bureau, and to confer with the committees appointed to determine the fat standard of butter.	98.07	Do.
Do.....	do.....	Statesville, N. C. (June 22-24, 1915).....	To attend a meeting and take part in a conference of dairymen and department officials regarding creamery work, and to investigate the dairy manufacturing work of the bureau at other points in North Carolina.	25.40	Do.
Valaer, Charles J.....	Skilled laborer.....	Points in the State of Maryland (Nov. 20-Dec. 31, 1914).	To assist in eradicating foot-and-mouth disease.	146.84	Do.
Do.....	do.....	Westminster, Md. (Jan. 1-21, 1915).....	do.....	50.81	Do.
Wade, Wm. H.....	do.....	Points in the States of Maryland and Virginia in the vicinity of the District of Columbia (July 2-Oct. 28, 1914).	To test cattle for tuberculosis.....	9.95	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.....	do.....	Points in the State of Maryland (Nov. 13-Dec. 31, 1914).	To assist in eradicating foot-and-mouth disease.	120.81	Do.
Do.....	do.....	Baltimore, Md. (Jan. 4, 1915).....	do.....	1.00	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	Points in Maryland and Virginia in the vicinity of the District of Columbia (Jan. 16-31, 1915).	To test cattle for tuberculosis.....	7.87	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.....	do.....	Points in Maryland and Virginia in the vicinity of the District of Columbia (Feb. 1-27, 1915).	do.....	8.55	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	St. Elmo, Va. (Feb. 6, 7, 13, 15, and 18, 1915).	To assist in eradicating foot-and-mouth disease.	19.60	Eradication of foot-and-mouth and other contagious diseases of animals, 1915-16.

Do.....	do.....	Points in the State of Maryland (Mar. 1-Apr. 15, 1915).	118.93	Do.
Do.....	do.....	Points in Maryland and Virginia in the vicinity of the District of Columbia (Apr. 16-June 26, 1915).	25.60	Eradication of foot-and-mouth disease, 1915.
Walsh, Wm. P.....	Traveling inspector...	Cedar Rapids, Iowa, and Chicago, Ill. (July 19-25, 1914).	86.02	Meat inspection, 1915.
Do.....	do.....	Fort Worth, Tex., and New York, N. Y. (Aug. 13-21, 1914).	128.85	Do.
Do.....	do.....	New York, Middletown, Buffalo, Binghamton, and Elmira, N. Y.; Scranton and Harrisburg, Pa. (Sept. 1-5, 1914).	49.70	Do.
Do.....	do.....	Los Angeles, Cal., and Kansas City, Mo. (Sept. 25-Oct. 8, 1914).	137.35	Do.
Do.....	do.....	Cincinnati, Ohio (Oct. 20-25, 1914).	58.74	Do.
Do.....	do.....	Milwaukee, Evansville, and Fort Atkinson, Wis.; Buffalo and Rochester, N. Y.; Indianapolis, Ind.; and Columbus, Ohio (Nov. 4-25, 1914).	184.55	Do.
Do.....	do.....	Columbus, Ohio; Grove City, Pa.; Indianapolis, Ind.; Detroit, Grand Rapids, Niles, and Kalamazoo, Mich.; Austin, Minn.; Omaha, Nebr.; Ames, Iowa; St. Louis, Mo.; Chicago, Gilbert, and Hebron, Ill.; Buffalo, Rochester, and New York, N. Y.; Boston, Mass.; Lexington and Louisville, Ky.; Milwaukee, Evansville, and Fort Atkinson, Wis. (Dec. 1, 1914-Feb. 28, 1915).	495.63	Do.
Do.....	do.....	Crawfordsville, Ind.; Grand Rapids and Gablesville, Mich.; and New York, N. Y. (Mar. 14-31, 1915).	125.18	Do.
Do.....	do.....	Indianapolis, Ind.; Chicago, Ill.; and Ottumwa, Iowa (Apr. 4-10, 1915).	92.85	Do.
Do.....	do.....	New York, N. Y. (Apr. 19-20, 1915).	21.55	Do.
Walter, H. K.....	Inspector in charge...	Leesburg and Alexandria, Va. (July 1-Oct. 8, 1914).	5.80	Do.
Do.....	do.....	Niles, Buchanan, and Galien, Mich.; Baltimore, Frederick, Tuscorora, Denton, Cordova, and Maryland, Md.; and Oxford, Pa. (Oct. 16-Dec. 31, 1914).	301.30	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.....	do.....	Baltimore, Md. (Jan. 1, 1915).	2.10	Eradication of foot-and-mouth disease, 1915.



Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Walter, H. K.....	Inspector in charge...	Alexandria, Va. (Jan. 20, 1915).....	To conduct inspection at official establishments.	\$0.25	Meat inspection, 1915.
Do.....	do.....	Richmond, Va., and Wilmington, Del. (Mar. 2-15, 1915).	To assist in eradicating foot-and-mouth disease.	33.81	Eradication of foot-and-mouth and other contagious diseases of animals, 1915-16.
Do.....	do.....	Brown's Station, Md., and Clifton, Va. (Apr. 9 and 27, 1915).	do.....	2.08	Do.
Do.....	do.....	Leesburg, Va. (Apr. 14 and 20, 1915).....	To supervise the meat-inspection work at Leesburg, Va.	1.80	Meat inspection, 1915.
Do.....	do.....	Alexandria, Va. (May 25, 1915).....	do.....	.25	Do.
Do.....	do.....	Cleveland, Ohio (June 9-12, 1915).....	To attend a meeting of bureau inspectors on meat inspection.	38.66	Do.
Walters, Mildred E....	Clerk.....	Chicago, Ill. (Oct. 5-Nov. 1, 1914).....	To assist in making microscopical inspection of hog carcasses for trichinosis.	97.51	Do.
Ward, A. R.....	Chief Pathological Division.	Points in State of Maryland (Dec 9-11, 1914).	To assist in eradicating foot-and-mouth disease.	8.00	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.....	do.....	Norton, Indianhead, Roanoke, Bristol, and Appalachia, Va. (Mar. 2-7, 1915).	do.....	34.09	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	Laurel and Wilmington, Del. (Mar. 12-14, 1915).	To investigate tuberculosis among pheasants at the Delaware State game farm.	17.58	Do.
Do.....	do.....	Cleveland, Ohio (June 9-12, 1915).....	To attend meeting of bureau inspectors on meat inspection.	25.30	Meat inspection, 1915.
Ward, W. F.....	Senior animal husbandman.	Auburn, Ala., Meridian, Miss., and points in North Carolina, South Carolina, and Georgia (July 13-Aug. 15, 1914).	To Auburn, Ala., to attend two farmers' round-up meetings. Meridian, Miss., and other points to present cooperative stock work in tick free areas.	154.33	General expenses, Bureau of Animal Industry, 1915 (animal husbandry).
Do.....	do.....	Raleigh, N. C.; Morgantown, W. Va.; and Moorefield, W. Va. (Aug. 24-Sept. 3, 1914).	To locate a farm for carrying on the bureau's cooperative beef cattle experiments.	88.61	Do.
Do.....	do.....	Jackson, Hattiesburg, West Point, and Starkville, Miss. (Sept. 8-16, 1914).	To locate a farm on which to carry the cooperative beef cattle work of the bureau.	111.66	Do.
Do.....	do.....	New Orleans, New Iberia, Shreveport, and Lake George, La., and Montgomery, Ala. (Oct. 4-14, 1914).	To investigate the possibilities of live stock production in those sections.	119.91	Do.
Do.....	do.....	Philadelphia, Hattiesburg, Ellenwood Farms, and Ambler, Pa., and Plainfield, N. J. (Oct. 19-21, 1914).	To select and purchase a boar.	22.37	Do.

Do.....	do.....	Raleigh, Statesville, Cantor, Rutherford- ton, Bostic, N. C., and Spartanburg, S. C. (Jan. 17-28, 1915).	To conduct beef and live stock demonstration work.	85. 25	Do.
Do.....	do.....	Jackson, Meridian, and West Point, Miss.; Allenville, Auburn, and York, Ala.; Greenville, Calhoun, S. C. (Mar. 14-26, 1915).	To inspect cooperative beef cattle and boys' pig club work.	148. 11	Eradication of foot-and- mouth disease, 1915.
Do.....	do.....	Ronceverte and Tuckwellers, W. Va. (Apr. 6-9, 1915).	To inspect the cooperative beef-cattle work....	17. 55	Do.
Do.....	do.....	Hays and Manhattan, Kans.; Decatur and Champaign, Ill.; Bloomington and Indianapolis, Ind.; and Cincinnati, Ohio (Apr. 20-May 1, 1915).	To confer with parties interested in cooperative beef-cattle work.	129. 95	Do.
Do.....	do.....	Beltsville, Md. (May 4, 1915).....	To inspect beef-production experiments being conducted by the bureau.	5. 77	Do.
Do.....	do.....	Asheville, Canton, and Raleigh, N. C. (May 11-16, 1915).	To inspect the cooperative beef-cattle work being conducted in the State of North Caro- lina.	70. 55	Do.
Do.....	do.....	Adeno, Columbus, Mansfield, and Tiffin, Ohio; Radford, Va.; Wheeling, W. Va.; Indianapolis, Ind.; Chicago and Gales- burg, Ill.; Maryville, Mo.; and Council Bluffs, Iowa (June 8-21, 1915).	To select and purchase shorthorn cows for the proposed breeding work that is to be carried on in cooperation with the Kansas Agricul- tural College.	152. 55	Do.
Washburn, H. J.....	Senior bacteriologist...	Points in the State of Indiana (Oct. 14- Dec. 31, 1914).	To assist in eradicating foot-and-mouth dis- ease.	262. 53	General expenses, Bureau of Animal Industry, 1915 (inspection and quaran- tine).
Do.....	do.....	Points in the State of Michigan (Jan. 1-31, 1915).	do.....	62. 40	Eradication of foot-and- mouth disease, 1915.
Do.....	do.....	Buchanan, Galien, and Niles, Mich., and Buffalo, N. Y. (Feb. 1-Apr. 16, 1915).	do.....	255. 34	Eradication of foot-and- mouth and other conta- gious diseases of animals, 1915-16.
Weiant, A. S.....	Scientific assistant in animal husbandry.	New York, Westerly, and Davisville, R. I.; and Middleboro and Brockton, Mass. (Oct. 1-28, 1914).	To study the turkey and guinea industry.....	129. 00	General expenses, Bureau of Animal Industry, 1915 (poultry feeding and breeding).
Do.....	do.....	Points in Tennessee, Alabama, Arkansas, Mississippi, Louisiana, Florida, Texas, Missouri, Ohio, Pennsylvania, Dela- ware, and New York (Nov. 1, 1914-Jan. 31, 1915).	do.....	486. 12	Do.
Do.....	do.....	Points in Louisiana and Texas (Feb. 1- June 30, 1915).	do.....	162. 83	Eradication of foot-and- mouth disease, 1915.
Wier, Raymond J.....	Clerk.....	Lancaster, Pa. (Nov. 5-Dec. 31, 1914).....	To do clerical work incident to the eradication of foot-and-mouth disease.	191. 22	General expenses, Bureau of Animal Industry, 1915 (inspection and quaran- tine).
Do.....	do.....	Lancaster, Pa. (Jan. 1-Feb. 15, 1915).....	do.....	112. 62	Eradication of foot-and- mouth disease, 1915.
Williams, Owen E.....	Dairyman.....	Chesterville and Waynesboro, Va. (July 7-10, 1914).	To give advice to a creamery in the manufac- ture of ice cream.	15. 20	General expenses, Bureau of Animal Industry, 1915 (dairy industry)

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Winant, Frank I.....	Veterinary inspector..	Points in Maryland and Virginia in the vicinity of the District of Columbia (July 1-Oct. 31, 1914).	To test cattle for tuberculosis.....	\$104.71	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.....	do.....	Points in States of Delaware, Pennsylvania, and Maryland (Nov. 9-Dec. 31, 1915).	To assist in eradicating foot-and-mouth disease.	187.26	Do.
Do.....	do.....	Wilmington, Del. (Jan. 1-16, 1915).	do.....	49.67	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	Hunter, Herndon, Ballston, and Clarendon, Va. (Jan. 25, 26, 27, 28, 29, and 30, 1915).	To test cattle for tuberculosis.....	10.27	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.....	do.....	Richmond, Lynchburg, Herndon, and Belona, Va. (Feb. 1-28, 1915).	do.....	58.43	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	Richmond, Va. (Mar. 1-21, 1915).	To assist in eradicating foot-and-mouth disease.	74.54	Eradication of foot-and-mouth and other contagious diseases of animals, 1915-16.
Do.....	do.....	Richmond, Va. (Mar. 22 and 23, 1915).	To test cattle for tuberculosis.....	3.49	Eradication of foot-and-mouth disease, 1915.
Do.....	do.....	Richmond, Va. (Mar. 24-Apr. 3, 1915).	To assist in eradicating foot-and-mouth disease.	24.28	Eradication of foot-and-mouth and other contagious diseases of animals, 1915-16.
Do.....	do.....	Points in Maryland and Virginia in the vicinity of the District of Columbia (Apr. 6-June 25, 1915).	To test cattle for tuberculosis.....	87.64	Eradication of foot-and-mouth disease, 1915.
Woodward, B. T.....	do.....	Points in Maryland and Virginia in the vicinity of the District of Columbia (July 10-Oct. 30, 1914).	To assist in eradicating foot-and-mouth disease.	26.93	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.....	do.....	Annapolis, Md. (Nov. 20, 1914).	do.....	3.45	Do.
Do.....	do.....	Markham, Leesburg, Hillsboro, and Waterford, Va. (Nov. 25-28, 1914).	To assist in eradicating foot-and-mouth disease.	9.75	Do.
Do.....	do.....	Potomac Yards, Va., and Hyattsville and Beltsville, Md. (Nov. 2, 5, 19, and 24, 1914).	To test cattle for tuberculosis.....	6.78	Do.
Do.....	do.....	Beltsville, Md. (Dec. 14 and 28, 1914).	To assist in eradicating foot-and-mouth disease.	3.08	Do.



Do.....	do.....	Orange, Va., Philadelphia and Bryn Mawr, Pa.; Baltimore, Md.; New York, N. Y.; Hoboken, N. J. (July 2-18, 1914).	To inspect horses offered for sale to the department.	49.66	Miscellaneous expenses, Department of Agriculture, 1915.
Do.....	do.....	Hume, Va.; Beltsville, Md. (Jan. 7, 16, and 29, 1915).	To test cattle for tuberculosis.....	4.27	General expenses, Bureau of Animal Industry, 1915 (inspection and quarantine).
Do.....	do.....	Points in Maryland and Virginia in the vicinity of the District of Columbia (Feb. 2-May 24, May 28-June 25, 1915).	.....do.....	46.91	Do.
Do.....	do.....	New York, N. Y. (May 25-28, 1915).....	To inspect horses offered for sale to the department.	31.05	Miscellaneous expenses, Department of Agriculture, 1915.
Yoes, John H.....	Meat inspector.....	Alexandria, Va. (July 1, 1914-June 30, 1915).	To conduct meat inspection at official establishment.	44.75	Meat inspection, 1915.

## BUREAU OF PLANT INDUSTRY.

Adams, Thos. C.....	Assistant in agricultural technology.	Charlotte, Greensboro, N. C.; Greenville, S. C.; Athens, Atlanta, Ga.; Montgomery, Ala. (July 11-26, 1914).	To assist with spinning experiments for testing the waste, tensile strength, and bleaching qualities of the different grades of cotton as standardized by the Government, in connection with cotton standardization.	\$119.20	General expenses, Bureau of Plant Industry, 1915 (cotton testing).
Appel, Otto.....	Collaborator.....	Philadelphia, Pa.; Trenton, N. J.; Kingston, R. I.; Caribou, Me.; Burlington, Vt.; Plattsburg, Malone and Rochester, N. Y.; Port Huron, Pontiac, Detroit, Lansing and Grand Haven, Mich.; Waupaca, Stevens Point and Chetek, Wis.; St. Paul and Moorhead, Minn.; Greeley, Denver and Glenwood, and Carbondale, Colo.; Salt Lake, Ogden, and Logan, Utah; Pocatello, Aberdeen, Jerome, Blackfoot, Gooding, Twin Falls, Shoshone, Moscow, Idaho; Pullman, Spokane, Tacoma, and Puyallup, Wash.; Portland and Corvallis, Oreg.; San Francisco, Stockton, Yosemite, Los Angeles, Whittier, and Riverside, Cal.; Grand Canyon, Ariz.; St. Louis, Mo.; Ames, Iowa (July 27-Oct. 24, 1914).	To investigate, and advise the bureau relative to potato diseases and methods of potato inspection and certification.	618.27	General expenses, Bureau of Plant Industry, 1915 (cotton and truck dis-ases).
Baker, Oliver E.....	Agriculturist.....	Mansfield and Giffin, Ohio; Madison, Wis.; Chicago, Ill. (Oct. 4-26, 1914).	To secure data on the relation of geographic conditions to types of farming.	64.65	General expenses, Bureau of Plant Industry, 1915 (farm management).
Do.....	do.....	New York, N. Y. (Apr. 8-10, 1915).....	To consult with members of the Association of American Geographers, concerning certain problems of visualization and maps to be used in the School Atlas of American Agriculture, in connection with farm management investigations.	12.40	Do.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

## BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Ball, Carleton R.....	Agronomist.....	Amarillo, Tex.; Woodward, Okla.; Hays and Topeka, Kans.; Akron, Colo.; Cheyenne, Wyo.; Columbia, Mo.; Omaha, Nebr.; Brookings, Highmore, Newell, Bellefourche and Huren, S. Dak.; Dickinson, Williston, and Fargo, N. Dak.; Bozeman, Moccasin, Mont.; Spokane, and Pullman, Wash.; Moscow, Idaho; Moro, Corvallis, and Portland, Oreg.; Aberdeen, Idaho; Logan, Utah (July 1–Sept. 4, 1914).	To study conditions concerning western wheat culture and inspect the cereal work at the bureau field stations.	\$574.94	General expenses, Bureau of Plant Industry, 1915 (cereal investigations).
Do.....	do.....	El Paso, Tex.; Yuma, Ariz.; Chico, Berkeley, Monterey, Davis, Biggs, and San Francisco, Cal.; Roseburg, Corvallis, Portland, Moro, Oreg. (May 20–June 30, 1915).	To study the production and improvement of wheat in dry-land areas, including the study and collection of material in identification nurseries; confer with experiment station workers concerning cereals, and inspect cereal work at the cereal field stations.	253.70	Do.
Ball, James S.....	Assistant in farm cost accounting.	Rocky Mount, N. C. (Jan. 3–9, 1915).....	To confer with cooperators, and measure crop areas and secure other data in connection with farm cost accounting as a feature of farm management investigations.	45.55	General expenses, Bureau of Plant Industry, 1915 (farm management).
Do.....	do.....	Rocky Mount and Battleboro, N. C. (June 13–18, 1915).	do.....	30.29	Do.
Baston, George H., jr.....	Assistant.....	Philadelphia, Pa. (Nov. 30–Dec. 2, 1914)....	To investigate the condition and quality of Argentine corn arriving at that port, and confer with millers and others relative to problems in connection with grain standardization.	9.75	General expenses, Bureau of Plant Industry, 1915 (grain standardization).
Do.....	do.....	Philadelphia, Pa. (Feb. 3–5, 1915).....	To confer with scale manufacturers relative to specifications of special automatic balances being constructed for the grain standardization laboratory.	15.50	Do.
Do.....	do.....	Philadelphia, Pa. (Feb. 24, 1915).	do.....	9.25	Do.
Do.....	do.....	New York, N. Y. (June 6–9, 1915).....	To make cooperative tests of corn meal.....	24.90	Do.
Bartlett, H. H.....	Chemical biologist.....	Norfolk, Va., and vicinity (Feb. 18–22, 1915).	To investigate conditions in the spinach fields with reference to physiological factors underlying diseases of spinach, in connection with physiological and fermentation investigations of drug and other plants.	22.05	General expenses, Bureau of Plant Industry, 1915 (drug and other plants).

Beattie, R. Kent.....	Pathological inspector.	B uemont, Va. (July 27, 1914).....	To investigate the chestnut tree bark disease, and study methods of control of that and other tree diseases. To carry on biophysical investigations in connection with crop production.	9.60	General expenses, Bureau of Plant Industry, 1915 (forest pathology).
Belz, J. O.....	Assistant.....	Hays, Colby, and Garden City, Kans.; Akron, Colo.; Dahlhart and Amarillo, Tex.; Tucumcari, N. Mex.; Woodworth, Okla.; Archer, Wyo.; Scottsbluff, Nebr.; Ardmore, S. Dak.; Huntley, Mont.; Dickinson and Mandan, N. Dak. (July 5-Aug. 26, 1914).		323.84	General expenses, Bureau of Plant Industry, 1915 (biophysical investigations).
Bennett, C. M.....	Assistant agriculturist.	Batavia, Perry, Rochester, Albion, Spencerport, Seneca Falls and Interlaken, N. Y. (July 16-24, 1914).	To confer with farm cost accounting record cooperators and study problems of accounting on farms in connection with farm management investigations.	84.26	General expenses, Bureau of Plant Industry, 1915 (farm management).
Do.....	do.....	Batavia, Perry, Rochester, Albion, Spencerport, Seneca Falls and Interlaken, N. Y. (Feb. 27-Mar. 17, 1915).		59.89	Do.
Betts, M. C.....	Assistant architect.....	Charlotte and Laurinburg, N. C.; Columbia and Belton, S. C.; Athens, Ga. (Jan. 18-29, 1915).	To investigate the building needs of farmers, with a view to developing improvements, in connection with the project of farm structures conducted by the office of farm management.	85.00	Do.
Do.....	do.....	Shreveport, Baton Rouge and Alexandria, La.; Hattiesburg, Montrose, Ackerman and Columbus, Miss.; Tuscaloosa and Union Springs, Ala. (May 12-June 12, 1915).		182.98	Do.
Biggar, H. Howard.....	Scientific assistant.....	Pikeon, Ohio; Hawarden, Iowa; Walkersburg, S. Dak.; Lorimore and Hattion, N. Dak. (Apr. 26-June 27, 1915).	To assist with the planting and other work in connection with the improvement of corn and methods of corn production.	197.68	General expenses, Bureau of Plant Industry, 1915 (corn improvement).
Bisset, Peter.....	Plant introducer.....	Miami, Key West, Tampa, Bradentown, St. Petersburg, Punta Gorda, Lakeland, Brooksville, Gainesville, Tallahassee, Glen St. Mary, and Jacksonville, Fla. (Aug. 3-29, 1914).	To confer with station officials, cooperators, experimenters, and others regarding the propagation and testing of newly introduced seeds and plants, and other phases of the foreign seed and plant introduction work.	212.05	General expenses, Bureau of Plant Industry, 1915 (foreign seed and plant introduction).
Do.....	do.....	Chicago, Ill.; Mandan, N. Dak.; Bellingham and Seattle, Wash.; Portland, Oreg.; Chico, Sacramento, Fresno, San Francisco, Los Angeles, San Diego, Santa Ana, Santa Barbara, and Riverside, Cal.; Kansas City and St. Louis, Mo.; Cincinnati, Ohio (Sept. 8-Nov. 14, 1914).		216.46 237.30	Do. Purchase and distribution of valuable seeds, 1915.
Blaine, Frank.....	Laboratory aid.....	Cumberland Mills, Me. (July 11-Sept. 17, 1914).	To conduct a series of tests in paper making, in connection with paper plant investigations.	267.74	General expenses, Bureau of Plant Industry, 1915 (paper plant investigations).
Do.....	do.....	Cumberland Mills, Me. (Nov. 12-28, 1914).		120.64	Do.
Do.....	do.....	Philadelphia, Pa. (June 11-23, 1915).....	To assist in conducting a cooperative mill test on the practical utility of flax tow in the manufacture of paper and fiber board products.	79.57	Do.



*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Boeger, E. A.	Agriculturist.	Frederick, Md. (Oct. 23-31, 1914)	To assist in conducting a farm management survey.	\$23.44	General expenses, Bureau of Plant Industry, 1915 (farm management).
Do.	do.	Waxahatchie, Dallas, Waco, Sherman, McKinney, and Amarillo, Tex.; Trinidad, Colo.; Crete and Omaha, Nebr., and adjacent points (Mar. 19-Apr. 29, 1915).	To study systems of tenant farming in connection with farm management investigations.	244.13	Do.
Do.	do.	Frederick and Hagerstown, Md.; York, Gettysburg, and Waynesboro, Pa. (June 25-29, 1915).	do.	18.87	Do.
Boerner, Emil G.	Assistant.	Philadelphia, Pa. (July 10-11, 1914)	To examine cargoes of Argentine corn, in connection with grain standardization investigations.	12.40	General expenses, Bureau of Plant Industry, 1915 (grain standardization).
Do.	do.	Wichita, Kans. (Sept. 29-Oct. 21, 1914)	To assist in the preparation, installation, and demonstration of the exhibit of the department at the International Dry-Farming Congress, Wichita, Kans.	122.66	International Dry-Farming Congress, Wichita, Kans., 1915.
Do.	do.	Minneapolis and Duluth, Minn.; Fargo, N. Dak.; Omaha, Nebr.; Kansas City, Mo.; Decatur and Chicago, Ill. (Nov. 20-Dec. 8, 1914).	To confer with assistants at branch laboratories, grain inspectors and grain dealers, relative to the application of the new Federal grades for commercial corn.	128.97	General expenses, Bureau of Plant Industry, 1915 (grain standardization).
Do.	do.	Chicago, Ill.; Minneapolis and Duluth, Minn.; Buffalo, N. Y. (Mar. 13-20, 1915).	To investigate the handling and grading of corn in connection with the application of the new Government corn grades.	104.06	Do.
Briggs, L. J.	Biophysicist in charge.	Riverside and San Francisco, Cal.; New South Wales, Australia (July 1-Oct. 30, 1914).	To investigate citrus malnutrition in connection with biophysical investigations of crop plants.	301.88	General expenses, Bureau of Plant Industry, 1915 (biophysical investigations).
Brown, Edgar	Botanist in charge.	New York, N. Y. (July 8-9, 1914)	To confer with officials of the customhouse concerning the enforcement of the seed importation act.	16.35	General expenses, Bureau of Plant Industry, 1915 (seed testing laboratories).
Do.	do.	New York, N. Y. (Dec. 13-16, 1914)	do.	20.80	Do.
Do.	do.	New York, N. Y. (Jan. 5-6, 1915)	do.	17.25	Do.
Do.	do.	Columbus, Ohio (Jan. 11-14, 1915)	To deliver an address on "Better forage plant seeds" at a meeting of the Ohio Corn Improvement Association.	41.71	Do.
Do.	do.	New York, N. Y. (May 4-5, 1915)	To confer with officials of the customhouse concerning the enforcement of the seed importation act.	15.48	Do.
Do.	do.	New York, N. Y. (May 17-18, 1915)	do.	17.30	Do.

Brown, Nellie A.....	Assistant pathologist..	Middletown, Va. (Nov. 9-10, 1914).....	To make crown-gall examinations, and collect material for use in the laboratory of plant pathology.	5. 65	General expenses, Bureau of Plant Industry, 1915 (pathological laboratory).
Bunzell, H. H.....	Chemical biologist.....	Philadelphia, Pa. (Aug 7-8, 1914).....	To consult makers and dealers regarding the construction of special scientific laboratory apparatus in connection with the investigation of drug and other plants.	9. 50	General expenses, Bureau of Plant Industry, 1915 (drug and other plants).
Byars, L. P.....	Pathologist.....	Florence, S. C.; Brooksville, Fla., and other points in States named. (Dec. 19, 1914-Jan. 18, 1915).	To make investigations in connection with the parasitic nematode <i>Heterodera radicola</i> and other nematode diseases.	105. 27	Enforcement of the plant quarantine act, 1915.
Carleton, M. A.....	Cerealists in charge.....	Madison, Wis.; Ames, Iowa; Manhattan, N. Y.; Kansas, Mo.; Cheyenne, Wyo.; Newell, Highmore, S. Dak.; Fargo, Lisbon, Dickinson, N. Dak.; Spokane, Pullman, Wash.; Moscow, Aberdeen, Idaho; Portland, Moro, Corvallis, Oreg.; Berkeley, San Francisco, Chico, Biggs, Davis, Cal.; Reno, Nev.; Salt Lake City, Nephi, Utah; Tucson, Yuma, Ariz.; Mesilla Park, San Antonio, Beaumont, Tex.; Crowley, Baton Rouge, La.; Biloxi, Miss.; Athens, Ga.; Knoxville, McMinnville, Tenn.; Raleigh, N. C.; Blacksburg, Va. (July 15-Oct. 3, 1914). Chicago, Ill. (Mar. 14-17, 1915).....	To confer with State experiment station officials concerning cooperative work in cereal investigations; also consult with grain dealers, millers, and others relative to the uses and commercial handling of cereals and cereal products; and inspect cereal field stations.	640. 11	General expenses, Bureau of Plant Industry, 1915 (cereal investigations).
Do.....	do.....	New York, N. Y.; New Brunswick, N. J. (May 6-8, 1915).	To confer with experiment station officials, and linseed-oil manufacturers, in regard to an improvement of flax crops.	57. 80	Do.
Do.....	do.....	Nara Visa, N. Mex.; Davis, Chico, San Francisco, Cal.; Portland, Corvallis, Moro, Oreg.; Pullman, Waterville, Wash.; Bozeman, Mont.; Denver, Colo. (May 27-June 22, 1915).	To confer with experiment station workers and grain dealers in regard to cereal investigations.	37. 62	Do.
Carpenter, C. W.....	Scientific assistant.....	Moorestown, Beverly, N. J. (Aug. 17-20, 1914).	To inspect cooperative experiments in progress, and plan further work in cereal investigations.	322. 56	Do.
Do.....	do.....	Wilmington, N. C.; Charleston, Florence, S. C. (Sept. 1-9, 1914).	To study the wilt disease of okra and methods of its control in connection with cotton and truck diseases.	33. 41	General expenses, Bureau of Plant Industry, 1915 (cotton and truck diseases).
Chandler, Harold F....	Assistant.....	Brooksville, Fla.; Brownsville, Tex. (Nov. 4, 1914-Jan. 19, 1915).	To study the diseases of okra, egg plant, and other truck crops.	78. 05	Do.
Charles, Vera K.....	Assistant mycologist.....	New York, Brooklyn, N. Y. (Oct. 13-14, 1914).	To superintend the erection of a laboratory, and assist with various other phases of the work of foreign seed and plant introduction, propagation, and distribution.	564. 42	General expenses, Bureau of Plant Industry, 1915 (foreign seed and plant introduction).
			To consult type species in the mycological herbarium in the Botanical Gardens, and investigate methods of preservation of specimens in the Brooklyn Academy of Arts and Sciences, in the interest of pathological collections.	10. 60	General expenses, Bureau of Plant Industry, 1915 (pathological laboratory).

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BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Chilcott, E. C.	Agriculturist in charge	Woodward, Okla.; Dalhart, Big Springs, Amarillo, Tex.; Tucumcari, N. Mex.; Hays, Kans.; Denver, Colo.; Ardmore, S. Dak.; Huntley, Mont.; Mandan, N. Dak. (July 1-Aug. 4, 1914).	To arrange for the establishment of new stations for dry-land agriculture investigations, and inspect experiments in progress.	\$302.57	General expenses, Bureau of Plant Industry, 1915 (dry-land agriculture).
Do.	do.	Lawton, Oklahoma City; Woodward, Okla.; Big Springs, Tex. (Sept. 20-Oct. 5, 1914).	To inspect work in progress at the various dry-land agriculture field stations.	184.30	Do.
Do.	do.	Lawton, Okla.; Big Springs, Dallas, Tex. (Nov. 7-20, 1914).	To select the sites for new dry-land agriculture field stations.	54.55	Do.
Do.	do.	Lawton, Okla.; Big Springs, Dallas, Tex. (Mar. 22-Apr. 13, 1915).	To inspect work in progress in connection with dry-land agriculture.	195.96	Do.
Clark, J. A.	Scientific assistant.	Dickinson, Williston, and Mandan, Fargo, N. Dak.; Hays and Manhattan, Kans.; Highmore, and Newell, S. Dak.; Archer, Wyo.; Moccasin, Mont.; St. Paul, Minn. (July 1-Sept. 4, 1914).	To inspect cooperative experiments with wheat, and study conditions of the crop, in the interests of cereal investigations.	233.31	General expenses, Bureau of Plant Industry, 1915 (cereal investigations).
Do.	do.	Amarillo, Tex.; Manhattan and Hays, Kans.; Cheyenne and Archer, Wyo.; Akron, Colo.; Newell, Deadwood, Highmore, and Brookings, S. Dak.; Edgeley, N. Dak. (June 1-30, 1915).	do.	189.13	Do.
Clime, W. S.	Photographer.	Portland, Me.; Windsor and White River Junction, Vt.; Syracuse and Cortland, N. Y. (Oct. 26-31, 1914).	To assist with moving picture and other photographic work in connection with the boys' and girls' club work outside the cotton belt.	52.61	General expenses, Bureau of Plant Industry, 1915 (demonstrations outside the cotton belt).
Close, C. P.	Pomologist.	Mitchell, Vincennes, and Evansville, Ind. (Aug. 17-23, 1914).	To study the native papaw and varieties of fruit, and gather and disseminate information regarding the native pecan, in connection with pomological investigations.	79.11	General expenses, Bureau of Plant Industry, 1915 (pomological investigations).
Cobb, N. A.	Agricultural technologist in charge.	New York, N. Y.; Fall River and New Bedford, Mass. (July 24-28, 1914).	To arrange for cooperative cotton spinning experiments in connection with the standardization of cotton.	41.69	General expenses, Bureau of Plant Industry, 1915 (cotton testing).
Coe, H. S.	Scientific assistant.	Fargo, N. Dak.; Manhattan, Kans.; La Fayette and Scottsburg, Ind.; Ames, Iowa; Wooster, Ohio (Oct. 27-Nov. 10, 1914).	To inspect clover experiments and determine causes of clover failures, in connection with forage-crop investigations.	144.49	General expenses, Bureau of Plant Industry, 1915 (forage crop investigations).
Do.	do.	La Fayette, Ind.; Ames, Iowa; Orrville, Ohio (Jan. 31-Feb. 13, 1915).	To secure data and experiment on seed production and pollination of red clover.	106.63	Do.



Do.	.....do.....	Minneapolis, Minn.; Fargo, N. Dak.; Brookings and Mitchell, S. Dak.; Ames, Iowa; Manhattan, Kans.; La. Fayette, Ind.; Springfield, Wooster, and Orrville, Ohio (May 26-June 11, 1915).	To inspect and take notes on clover experiments and study clover diseases.	167.48	Do.	General expenses, Bureau of Plant Industry, 1915 (crop acclimatization).
Collins, Guy N.	Botanist.....	San Antonio, Tex.; Los Angeles, Santa Barbara, San Diego, Lompoc, Colton, San Francisco, and Chico, Cal.; Sacaton, Ariz. (Sept. 28-Nov. 17, 1914).	To study varieties of corn and other plants of tropical origin cultivated in the Southwestern States, and to locate experiments for a study of the acclimatization of tropical varieties of corn.	333.19	Do.	General expenses, Bureau of Plant Industry, 1915 (crop acclimatization).
Do.	.....do.....	San Diego, Chula Vista, Corona, Berkeley, and Bard, Cal. (May 5-June 30, 1915).	To conduct experiments in the acclimatization, adaptation, and breeding of corn, cotton, and other tropical plants.	210.50	Do.	Do.
Cook, O. F.	Bionomist in charge.....	Charleston, S. C.; Experiment, Ga.; Greenville, Denison, Boerne, and San Antonio, Tex.; Okemah and Weleetka, Okla.; Tucson, Sacaton, and Yuma, Ariz.; Bard, Colton, Santa Barbara, Los Angeles, San Diego, El Centro, San Francisco, and Indio, Cal. (Sept. 14-Nov. 26, 1914).	To inspect and study experiments in the acclimatization, adaptation, and breeding of cotton, corn, and other tropical plants.	509.04	Do.	Do.
Corbett, L. C.	Horticulturist in charge.....	Boston, Mass.; Caribou, Presque Isle, and Houlton, Me.; Watkins, Corning, and Honeye Falls, N. Y. (July 29-Aug. 10, 1914).	To confer with vegetable dealers and others relative to market conditions, and inspect the various trial grounds conducted by the office of horticulture, especially the cooperative experiments with Irish potatoes.	115.34	Do.	General expenses, Bureau of Plant Industry, 1915 (horticultural investigations).
Do.	.....do.....	Willard and Raleigh, N. C. (Aug. 23-26, 1914).	To inspect vineyards and attend a meeting of the State Farmers' Convention and deliver an address regarding the production of fruit in North Carolina.	32.75	Do.	General expenses, Bureau of Plant Industry, 1915 (pomological investigations).
Do.	.....do.....	Jerome, Boise, Payette, and Nampa, Idaho; Walla Walla, Wenatchee, Spokane, North Yakima, Seattle, and Puyallup, Wash.; Hood River, Portland, and Corvallis, Oreg.; Oreville, Chico, Sacramento, Stockton, Berkeley, Napa, Fresno, Los Angeles and Riverside, Cal. (Sept. 20-Nov. 1, 1914).	To inspect vineyards, packing and storage houses, vineyards, and experiment stations, to secure data for use in the fruit transportation and storage investigations in connection with pomological investigations.	438.06	Do.	Do.
Do.	.....do.....	Philadelphia, Pa. (Dec. 20-30, 1914).	To attend a conference held in the interest of the establishment of State standards for potato seed certification.	11.17	Do.	General expenses, Bureau of Plant Industry, 1915 (horticultural investigations).
Do.	.....do.....	New York, N. Y.; Hackettstown, N. J. (May 10-13, 1915).	To inspect the growing of celery and asparagus, and study conditions in connection with the handling and storing of celery.	29.80	Do.	Do.
Do.	.....do.....	Norfolk, Va., and vicinity (June 17-20, 1915).	To inspect work in connection with crop experiments conducted by the office of horticultural investigations.	20.98	Do.	Do.
Corder, George.	Unskilled laborer.....	Honeye Falls, N. Y.; Caribou, Me. (July 1-Oct. 24, 1914).	To assist with the planting and other work in connection with Irish potato investigations.	143.39	Do.	Do.
Do.	.....do.....	Norfolk, Va. (Feb. 28-Mar. 4, 1915).	.....do.....	24.20	Do.	Do.
Do.	.....do.....	Presque Isle, Me. (Apr. 13-June 4, 1915).	.....do.....	78.99	Do.	Do.
Do.	.....do.....	Norfolk, Va. (June 7-12, 1915).	.....do.....	26.20	Do.	Do.
Do.	.....do.....	Norfolk, Va. (June 23-26, 1915).	.....do.....	16.00	Do.	Do.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Coville, Frederick V.	Botanist in charge.	New Lisbon, N. J. (July 7-11, 1914)	To inspect cooperative experiments with blueberries, and arrange for future plantings, in connection with economic and systematic botany.	\$27.18	General expenses, Bureau of Plant Industry, 1915 (economic and systematic botany).
Do.	do.	New Lisbon, N. J. (May 10-13, 1915)	do.	24.71	Do.
Cox, H. R.	Agriculturist.	Boston and West Newbury, Mass.; Chester, N. H.; West Kennelbunk, Me.; West Chester, Pa.; Vineland and Pleasantville, N. J. (Aug. 13-23, 1914).	To confer with village cooperators, and study methods of eradicating weeds on roadways and railroad rights of way, in connection with special farm management field studies.	80.89	General expenses, Bureau of Plant Industry, 1915 (farm management).
Do.	do.	Frederick, Md. (Oct. 27-31, 1914)	To study methods for the eradication of weeds.	23.42	Do.
Crandall, E. L.	Photographer	(Caribou, Presque Isle, Houlton, and Fort Fairfield, Me.; Rutland, Vt. (July 30-Sept. 27, 1914).	To make color plates and photographs showing the appearance of the effect of potato diseases at various stages, for use in the publication of bulletins in connection with truck crop disease and Irish potato investigations.	100.40	General expenses, Bureau of Plant Industry, 1915 (cotton and truck diseases).
				62.50	General expenses, Bureau of Plant Industry, 1915 (horticultural investigations).
Dale, J. K.	Junior chemist.	St. Petersburg and Pinala Park, Fla. (Feb. 9-24, 1915).	To investigate the manufacture of cane sirup.	134.64	General expenses, Bureau of Plant Industry, 1915 (table sirup).
Do.	do.	New Orleans, La.; Louisville and Danville, Ky. (Mar. 23-Apr. 7, 1915).	do.	83.05	Do.
Do.	do.	Princeton, N. J.; New York, N. Y.; Philadelphia, Pa. (June 11-16, 1915).	To investigate the possibility of securing a vacuum pump suitable for use in the carbohydrate laboratory of the Bureau of Chemistry).	27.21	Enforcement of the food and drugs act, 1915.
Davis, Hugh M.	Laboratory aid.	Caribou, Me. (Aug. 3-23, 1914).	To assist in crossing potato varieties, and with potato photographic work, in connection with horticultural investigations.	141.83	General expenses, Bureau of Plant Industry, 1915 (horticultural investigations).
Do.	do.	Easton, Pa.; Alphano, N. J.; Middletown, Hornell, Corning, Arkport, Rochester, South Lima, and Elmira, N. Y. (Oct. 4-Nov. 2, 1914).	To assist with the harvesting of experimental truck crops, and supervise celery storage experiments.	129.24	Do.
Do.	do.	Easton, Pa.; Alphano, N. J. (May 2-8, 1915).	To assist with the planting of experimental truck crops.	25.88	Do.
Dean, W. S.	Assistant.	Memphis, Tenn.; Little Rock, Pine Bluff, Fort Smith, Ark.; Galveston, Dallas, Tex.; New Orleans, La.; Meridian, West Point, Greenville, Miss. (July 5-Aug. 17, 1914).	To purchase cotton suitable for spinning experiments, and to inspect equipment of textile schools and cotton mills and arrange cooperative experiments for testing cotton as standardized by the Government.	352.02	General expenses, Bureau of Plant Industry, 1915 (cotton testing).

Do.....	do.....	Baltimore, Md.; Philadelphia, Pa. (Dec. 20-23, 1914).	To inspect cotton and select suitable types for use in the preparation of the United States official cotton standards.	22.90	General expenses, Bureau of Plant Industry, 1915 (cotton standardization).
Derrick, Horace B.....	do.....	Lebanon, Reading, Lancaster, Pa. (June 16-30, 1915).	To assist in a farm survey to determine the relation of farm practice to farm yields, in connection with farm-management investigations.	45.38	General expenses, Bureau of Plant Industry, 1915 (farm management).
Dewey, Lyster H.....	Botanist in charge of fiber-plant investigations.	Nappanee, Pierceton, Ind.; Port Huron, Yale, Mich. (Aug. 31-Sept. 12, 1914).	To superintend the work of harvesting plats of hemp in cooperative experiments and arrange for future work in the culture and production of hemp and fiber flax.	86.27	General expenses, Bureau of Plant Industry, 1915 (crop technology)
Dixon, H. M.....	Scientific assistant.....	Buffalo, Batavia, Earlville, Elmira, Albany, N. Y.; Amherst, Mass.; White River, Vt. (July 19-Aug. 15, 1914).	To conduct a farm-management survey, and confer with county agents concerning the study of farm economies, in connection with farm-management investigations.	142.35	General expenses, Bureau of Plant Industry, 1915 (farm management).
Do.....	do.....	Iola, Kans.; Indianapolis, Forest, Frankfort, Ind.; Waterford, Ohio (Sept. 13-23, 1914).	To confer with other assistants in the field, and to conduct a farm survey school for county agents in Kansas.	147.47	Do.
Do.....	do.....	Frederick, Md. (Oct. 21-22, 1914).	To select a region for farm-management survey studies.	5.10	Do.
Do.....	do.....	Frederick, Md. (Oct. 26-31, 1914).	To conduct a farm-management survey.....	17.82	Do.
Do.....	do.....	Ithaca, Poughkeepsie, N. Y. (June 9-16, 1915).	To confer with agricultural college officials regarding methods of tabulating farm management survey results.	40.58	Do.
Dorsett, P. H.....	Plant introducer.....	Miami, Brooksville, Fla. (Jan. 7-Feb. 9, 1915).	To prepare plans for the enlargement of Miami plant-introduction field station, inspect work in progress, and confer with cooperators and others regarding the foreign seed and plant introduction work.	181.33	General expenses, Bureau of Plant Industry, 1915 (foreign seed and plant introduction).
Do.....	do.....	Chicago, Ill.; Mandan, N. Dak.; Bellingham, Seattle, Wash.; Portland, Oreg.; Chico, Cal.; Denver, Colo. (Apr. 3-May 24, 1915).	To confer with station officials, part superintendents, cooperators and others relative to the propagating and testing of newly introduced seeds and plants distributed by the office of foreign seed and plant introduction.	64.93	Do.
Duvel, J. W. T.....	Crop technologist in charge.	Detroit, Mich.; Wapakoneta, Toledo, Ohio; Lebanon, La Fayette, Fowler, Logansport, Indianapolis, Frankfort, Ind.; Springfield, Decatur, Chicago, Ill.; Kansas City, Mo. (Oct. 10-30, 1914).	To confer with grain dealers and others relative to the application of the new Federal grades for commercial corn; and to inspect work at the grain standardization laboratories.	229.53	Purchase and distribution of valuable seeds, 1915.
Do.....	do.....	Sidney, Bucyrus, Toledo, Mansfield, Ohio (Nov. 21-30, 1914).	To confer with grain dealers and others relative to the application of the new Federal grades for commercial corn; and to inspect work at the grain standardization laboratories.	204.12	General expenses, Bureau of Plant Industry, 1915 (grain standardization).
Do.....	do.....	Chicago, Springfield, Ill (Jan. 3-8, 1915)...	To confer with grain dealers and others relative to grain standardization investigations.	51.35	Do.
Do.....	do.....	Spartanburg, Greenville, Florence, Columbia, Calhoun, Seneca, S. C.; Atlanta, Ga.; Birmingham, Mobile, Montgomery, Ala.; New Orleans, La.; Jacksonville, Fla.; Hamlet, N. C.; Richmond, Va. (Mar. 15-Apr. 5, 1915).	To investigate quality and condition of grain being received at the distributing markets in the South under the new corn grades, and to investigate the handling, transporting, and storing of grain in the Southern States.	94.49	Do.
Do.....	do.....			189.46	Do.



*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Duvel, J. W. T.....	Crop technologist in charge.	Toledo, Cincinnati, Ohio (June 1-12, 1915).	To confer with members of the Millers' National Federation, grain inspectors and other authorities regarding the Federal corn grades.	\$47.80	General expenses, Bureau of Plant Industry, 1915 (grain standardization).
Dworak, Mayne.....	Scientific assistant.....	Columbia, Mo. (Feb. 23-May 6, 1915).....	To assist in seed testing at branch seed laboratory in cooperation with the Missouri Agricultural experiment station.	107.93	General expenses, Bureau of Plant Industry, 1915 (seed-testing laboratories).
Edson, H. A.....	Physiologist.....	Berlin, Bromberg, Marburg, Dahlen, Germany; London, Liverpool, England; Belfast, Dublin, Ireland (July 1-Nov. 6, 1914).	To investigate diseases of sugar beets, and observe the methods employed in Europe for their control.	510.03	General expenses, Bureau of Plant Industry, 1915 (sugar - beet investigations).
Do.....	do.....	Madison, Waupaca, Wis.; Greeley, Fort Collins, Colo.; Jerome, Twin Falls, Idaho (May 15-June 30, 1915).	To conduct investigations on potato diseases, in connection with the office of cotton and truck diseases.	312.00	General expenses, Bureau of Plant Industry, 1915 (cotton and truck diseases).
Do.....	do.....	Clemson College, Columbia, Charleston, S. C. (Jan. 26-Feb. 2, 1915).	do.....	54.70	Do.
Evans, Raymond.....	Editor.....	Madison, Wis. (June 2-29, 1915).....	To act as the personal representative of the Assistant Secretary at the meeting of the American Association of Agricultural College Editors.	58.85	General expenses, Bureau of Plant Industry, 1915 (farm management).
Fairchild, David.....	Agricultural explorer in charge.	Miami, Brooksville, Gainesville, Tallahassee, Fla. (Jan. 12-Feb. 2, 1915).	To inspect work in progress and plan further experiments and tests at the plant-introduction field stations, and confer with cooperators and others regarding the foreign seed and plant introduction work.	144.49	General expenses, Bureau of Plant Industry, 1915 (foreign seed and plant introduction).
Fetzer, Harvey A.....	Assistant.....	Greycliff, Mont.; St. Paul, Minn. (July 1-Sept. 30, 1914).	To assist with investigations of poisonous plants on the western stock ranges.	66.98	General expenses, Bureau of Plant Industry, 1915 (drug and other plants).
Garner, W. W.....	Physiologist in charge.	Oxford, N. C. (July 31-Aug. 6, 1914).....	To confer with assistants and collaborators regarding tobacco work, and arrange for further experiments in tobacco investigations.	29.77	General expenses, Bureau of Plant Industry, 1915 (tobacco investigations).
Do.....	do.....	Oxford, N. C. (Aug. 30-Sept. 2, 1914).	do.....	22.28	Do.
Do.....	do.....	Landisville, Red Lion, Pa. (Sept. 14-16, 1914).	do.....	12.20	Do.
Do.....	do.....	Clarksville, Knoxville, Tenn. (Sept. 20-24, 1914).	do.....	60.58	Do.
Do.....	do.....	Oxford, N. C. (Mar. 16-20, 1915).....	do.....	19.65	Do.
Do.....	do.....	Chicago, Ill.; Madison, Edgerton, Janesville, Wis. (June 16-20, 1915).	do.....	59.78	Do.

Gilbert, G. B.	Assistant.	San Antonio, Tivoli Boerne, Tex.; Tucson, Sacaton, Yuma, Ariz.; San Francisco, Niles, Santa Barbara, Los Angeles, El Centro, Indio, Bard, Cal. (July 6-Nov. 26, 1914).	423. 11	General expenses, Bureau of Plant Industry, 1915, (crop acclimatization).
Gilbert, W. W.	Pathologist.	Atlanta, Americus, Ga.; Pittsview, Auburn, Selma, Brundidge, Andalusia, Ala.; Aiken, Trenton, Monetta, Batesburg, Florence, S. C. (Aug. 28-Sept. 12, 1914).	112. 50	General expenses, Bureau of Plant Industry, 1915 (cotton and truck diseases).
Do.	do.	La Fayette, Plymouth, Ind.; Lansing, Grand Rapids, Mich.; Madison, Princeton, Wis.; Chicago, Ill. (June 2-15, 1915).	115. 44	Do.
Godfrey, Geo. H.	Scientific assistant.	Crowley, La. (Aug. 22-Sept. 2, 1914).	105. 90	General expenses, Bureau of Plant Industry, 1915 (cereal investigations).
Do.	do.	Crisfield, Pocomoke City, Snow Hill, Berlin, Md. (Sept. 17-20, 1914).	30. 88	Do.
Do.	do.	Raleigh, N. C.; Columbia, Clemson College, Charleston, Greenville, S. C.; Athens, Ga.; Auburn, Tuskegee, Ala.; Baton Rouge, Crowley, Lake Charles, La.; Houston, Tex. (May 7-30, 1915).	175. 26	Do.
Goll, F. L.	do.	Leesburg, Fredericksburg, Va. (July 9-26, 1914).	8. 80	General expenses, Bureau of Plant Industry, 1915 (bacteriology and nutrition).
Do.	do.	Ronceverte, Fort Spring, W. Va.; Aberdeen, N. C.; Thomasville, Ga.; Wilburton, Okla.; Salem, Ohio; Somerset, Philadelphia, Pa. (Aug. 2-24, 1914).	222. 86	Do.
Do.	do.	Fredericksburg, Norfolk, Va. (Sept. 18-23, 1914).	38. 40	Do.
Goss, W. L.	do.	Milwaukee, Wis. (Dec. 13-17, 1914).	60. 50	General expenses, Bureau of Plant Industry, 1915 (seed-testing laboratories).
Gould, H. P.	Pomologist.	Akron, Colo.; Omaha, Arlington, Nebr.; Ottawa, Topeka, Kans.; Woodward, Yukon, Okla. (Nov. 7-25, 1914).	175. 00	General expenses, Bureau of Plant Industry, 1915 (pomological investigations).
Do.	do.	Ithaca, Westfield, N. Y.; Clyde, Ohio; Lansing, Traverse City, Frankfort, Mich.; Kewanee, Madison, Sturgeon Bay, Wis. (May 3-19, 1915).	107. 60	Do.
Do.	do.	Newburg, Milton, Hudson, Kinderhook, Albany, Ithaca, Geneva, Sodus, N. Y. (June 21-30, 1915).	45. 35	Do.

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BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Harlan, Harry V.....	Agonomist.....	St. Paul, Minn.; Fargo, N. Dak.; Aberdeen, Idaho; Moccasin, Mont. (July 4-Aug. 24, 1914)	To conduct barley-breeding experiments, in connection with cereal investigations.	\$314. 23	General expenses, Bureau of Plant Industry, 1915 (cereal investigations).
Do.....	do.....	Manhattan, Kans.; Tucson, Yuma, Casa Grande, Ariz.; El Centro, San Diego, Monterey, Cal.; Moro, Oreg.; Spokane, Pullman, Wash.; Moscow, Idaho; Boise, Man, Mont.; St. Paul, Minn. (May 16-June 30, 1915).	do.....	352. 03	Do.
Harrington, Geo. T.....	Scientific assistant....	Madison, Fond du Lac, Eden, Oshkosh, Wis.; Chicago, Ill. (Sept. 16-Oct. 5, 1914).	To study the harvesting and curing of red-clover seed, in connection with the work of the seed-testing laboratory.	147. 85	General expenses, Bureau of Plant Industry, 1915 (seed-testing laboratories).
Hartley, C. P.....	Physiologist in charge.	Rhinebeck, N. Y. (Aug. 18-21, 1914)	To inspect progress of experimental corn plats, and arrange further work in corn production and improvement.	25. 79	General expenses, Bureau of Plant Industry, 1915 (corn improvement).
Do.....	do.....	Piketon, Sunbury, Ohio (Sept. 13-20, 1914).	do.....	57. 90	Do.
Do.....	do.....	Rhinebeck, N. Y. (Sept. 23-26, 1914).	do.....	21. 76	Do.
Do.....	do.....	Piketon, Sunbury, Ohio (Oct. 19-Nov. 8, 1914).	do.....	111. 61	Do.
Do.....	do.....	Rhinebeck, N. Y. (Nov. 10-18, 1914).	do.....	29. 37	Do.
Do.....	do.....	Piketon, Ohio (Apr. 27-May 5, 1915).	do.....	58. 58	Do.
Do.....	do.....	Rhinebeck, N. Y.; Allamuchy, N. J. (May 10-22, 1915).	do.....	50. 70	Do.
Do.....	do.....	Piketon, Ohio (May 26-30, 1915).	do.....	40. 63	Do.
Do.....	do.....	Piketon, Ohio; Vicksburg, Niles, Mich.; Oconomowoc, Wis.; Rhinebeck, Rhinecliff, N. Y.; Allamuchy, N. J. (June 19-30, 1915).	do.....	108. 46	Do.
Henault, T. R.....	Assistant.....	Akron, Colo. (June 1-30, 1915)	To assist in the water requirement experiments with drought-resistant crop plants in connection with the breeding of alkali and drought-resistant plants.	73. 06	General expenses, Bureau of Plant Industry, 1915 (alkali and drought resistant plants).
Hillman, F. H.....	Assistant botanist.....	Louisville, Ky.; Evansville, Ind. (Dec. 17-21, 1914).	To consult with customs officials in regard to seed imported under the seed-importation act.	48. 90	General expenses, Bureau of Plant Industry, 1915 (seed-testing laboratories).
Do.....	do.....	Louisville, Ky.; Evansville, Ind. (Feb. 13-19, 1915).	do.....	62. 70	Do.



Hitchcock, A. S.....	Systematic agrostologist.	Billings, Belton, Fish Creek, Mont.; Calgary, Edmonton, Banff, Nelson, Canada; Seattle, Tacoma, Mount Rainier, Wash.; Portland, Mount Hood, Oreg.; Manhattan, Kans. (July 1-Sept. 17, 1914); Kansas City, Manhattan, Kans.; Denver, Colo.; Williams, Ariz. (June 19-30, 1915); Columbia, Mo. (July 20-Dec. 14, 1914).....	422.49	General expenses, Bureau of Plant Industry, 1915 (economic and systematic botany).
Do.....	do.....	do.....	158.45	Do.
Holmes, Rachael.....	Scientific assistant.....	Strasburg, Mount Jackson, Fredericksburg, Va. (Oct. 10-16, 1914).	106.81	General expenses, Bureau of Plant Industry, 1915 (seed-testing laboratories).
Hutchins, L. M.....	do.....	Mechanicsburg, Pa. (Oct. 23-24, 1914).....	18.89	General expenses, Bureau of Plant Industry, 1915 (fruit diseases).
Do.....	do.....	Harrisburg, Bendersville, Pa. (Nov. 26-28, 1914).	9.73	Do.
Do.....	do.....	Rapidan, Hatton, Va.; Woodside, Md. (May 6-19, 1915).	12.71	Do.
Do.....	do.....	Winchester, Va.; Paw Paw, W. Va.; Cumberland, Md. (June 7-12, 1915).	15.20	Do.
Do.....	do.....	Charlestown, W. Va.; Paoli, Orleans, Ind. (June 21-30, 1915).	24.08	Do.
Jones, Ralph W.....	do.....	Vineland, Newfield, Camden, N. J.; Philadelphia, Pa. (Mar. 18-May 15, 1915).	50.78	Do.
Kause, R. L.....	Assistant.....	Dallas, Galveston, Tex.; New Orleans, La.; Meridian, Vicksburg, Miss.; St. Louis, Mo. (July 5-Aug. 17, 1914).	73.84	Do.
Kearney, Thomas H....	Physiologist in charge.	Phoenix, Sacaton, Tempe, Mesa, Ariz.; Bard, El Centro, Riverside, Los Angeles, Cal.; Akron, Colo.; Newell, S. Dak. (July 2-Aug. 12, 1914).	309.74	General expenses, Bureau of Plant Industry, 1915 (cotton testing).
Do.....	do.....	Salt Lake, Tooele, Milford, Utah; Las Vegas, Nev.; Los Angeles, Indio, Cal.; Sacaton, Mesa, Ariz. (Aug. 31-Sept. 20, 1914).	369.82	General expenses, Bureau of Plant Industry, 1915 (alkali and drought resistant plants).
Do.....	do.....	Sacaton, Yuma, Ariz.; Indio, Bard, Cal. (Oct. 1-24, 1914).	248.50	Do.
Do.....	do.....	Newell, S. Dak.; Akron, Denver, Colo.; Phoenix, Mesa, Sacaton, Ariz. (June 18-30, 1915).	88.55	Do.
Do.....	do.....	Miami, Gainesville, Fla. (Oct. 15-21, 1914).	140.81	Do.
Kellerman, Karl F....	Physiologist and assistant chief of bureau.	Philadelphia, Pa. (Dec. 28-30, 1914).....	103.14	General expenses, Bureau of Plant Industry, 1915 (administrative and miscellaneous).
Do.....	do.....	Do.....	23.80	Do.

To collect and study grasses to aid in the preparation of a manual of American grasses in connection with investigations in economic and systematic botany.

To take charge of the work of seed testing at the branch laboratory carried on in cooperation with the Agricultural experiment station.

To investigate diseases of the apple and peach and other fruits in connection with fruit-disease investigations.

do.....

do.....

do.....

do.....

do.....

To investigate grape and other small-fruit diseases.

To select cotton suitable for use in spinning experiments in connection with cotton standardization and grading investigations.

To inspect work in progress and direct further investigations in the breeding of alkali and drought resistant crop plants, including Egyptian cotton.

do.....

do.....

do.....

do.....

do.....

To confer with State and department officials regarding the pink boll worm and its effects on cotton growing, and the relation of the citrus canker to the citrus industry in Florida.

To attend the American Association for the Advancement of Science in order to acquire and disseminate information relating to the work of the Bureau of Plant Industry.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Kellerman Karl F....	Physiologist and assistant chief of bureau.	Mobile, Ala.; New Orleans, La.; Jacksonville, Fla.; Houston, Tex. (Apr. 26-May 10, 1915).	To confer with State officials and growers regarding the establishment of more effective standards of work in the eradication of citrus canker.	\$208.61	Cooperative investigations for the eradication of citrus canker.
Kunkel, L. O.....	Pathologist.....	Philadelphia, Pa.; Jersey City, N. J.; New York, N. Y., and other points in States named (Mar. 21-28, 1915).	To reinspect certified Maine potatoes.....	38.74	Enforcement of the plant quarantine act, 1915.
Lake, E. R.....	Pomologist.....	Philadelphia, Pa. (Sept. 28-Oct. 3, 1914)...	To procure specimens of fruits for laboratory use, and obtain data pertaining to nomenclature, varietal history, and parentage of fruit in connection with pomological investigations.	9.70	General expenses, Bureau of Plant Industry, 1915 (pomological investigations).
Do.....	do.....	Detroit, Mich.; Columbus, Ohio (June 21-28, 1915).	do.....	70.22	Do.
Lohnis, Felix.....	Soil biologist.....	Jacksonville, St. Augustine, Palm Beach, Miami, Key West, Tampa, Fla.; Atlanta, Ga.; Calhoun, S. C.; Raleigh, N. C. (Sept. 26-Oct. 17, 1914).	To make comparative investigations of the malnutrition of citrus trees and the relation of bacterial composition of fertilizers to the nutrition of succeeding crops in connection with soil bacteriology and plant nutrition investigations.	174.95	General expenses, Bureau of Plant Industry, 1915 (bacteriology and nutrition).
McClelland, David.....	Seed warehouseman...	Rochester, Cambridge, N. Y.; Jackson, Detroit, Alpena, Cheboygan, Charlevoix, Mich. (Aug. 4-19, 1914).	To inspect fields of seed grown under contract for congressional distribution and determine character of the stock, probable delivery, and other necessary details in connection with the purchase and distribution of valuable seeds.	130.33	Purchase and distribution of valuable seeds, 1915.
McKenney, R. E. B....	Pathologist.....	Henderson, Oxford, Raleigh, N. C. (Aug. 2-6, 1914).	To conduct experiments for the control of bacterial wilt of tobacco in connection with the Central Laboratory of Plant Pathology..	32.30	General expenses, Bureau of Plant Industry, 1915 (pathological laboratory).
Do.....	do.....	Quincy, Fla. (Sept. 27-Oct. 9, 1914)	do.....	93.20	Do.
Do.....	do.....	Quincy, Fla. (Nov. 17-21, 1914)	do.....	72.50	Do.
Do.....	do.....	Quincy, Fla. (Feb. 7-12, 1915)	do.....	81.30	Do.
Do.....	do.....	Quincy, Fla. (Mar. 8-25, 1915)	do.....	118.17	Do.
Do.....	do.....	Quincy, Fla. (May 7-24, 1915)	do.....	120.08	Do.
Do.....	do.....	Quincy, Fla. (June 16-30, 1915)	do.....	109.12	Do.
McLennan, Robert....	Gardener.....	Boston, Mass. (Aug. 17-23, 1914).....	To inspect greenhouse appliances and new and meritorious plants in connection with the purchase and distribution of valuable seeds.	49.91	Purchase and distribution of valuable seeds, 1915.
May, Eugene.....	do.....	New Smyrna, Miami, Eustis, Fla. (Oct. 31-Nov. 30, 1914).	To conduct experiments in the breeding and testing of new types of citrus fruits in con-	154.07	General expenses, Bureau of Plant Industry, 1915



					(crop physiology).
Melhus, I. E.	Pathologist.	Points in Vermont, New York, Michigan, Wisconsin, Iowa, and Ohio (Oct. 19-Nov. 28, 1914).	230.20	To make a survey for powdery scab of potato.	Enforcement of the plant quarantine act, 1915.
Do.	do.	Rochester and other points in New York (Dec. 4-7, 1914).	36.74	To address meetings of potato growers on the subject of powdery scab of potatoes.	Do.
Do.	do.	Norfolk, Va. (Feb. 14-16, 1915).	13.05	To reexamine and tag a lot of Maine seed potatoes.	Do.
Do.	do.	Hastings, Fla.; Atlanta, Ga.; Charleston, S. C., and other points in States named (Apr. 27-May 5, 1915).	100.45	To examine potatoes as harvested for the purpose of determining the presence or absence of powdery scab.	Do.
Metcalf, Haven.	Pathologist in charge.	Pittsburgh, Pa.; Wooster, Ohio (Aug. 2-4, 1914).	13.32	To consult with cooperators and others and make observations on the chestnut-tree bark and other tree diseases in connection with investigations in forest pathology.	General expenses, Bureau of Plant Industry, 1915 (forest pathology).
Do.	do.	Cincinnati, Ohio; Chicago, Ill.; Madison, Wis.; Pittsburgh, Harrisburg, Philadelphia, Pa.; New York, N. Y. (Aug. 5-Sept. 24, 1914).	140.81	do.	Do.
Do.	do.	Philadelphia, Pa.; New York, N. Y.; Providence, R. I.; Boston, Mass.; Hanover, N. H.; Gardner, Me. (Dec. 13, 1914-Jan. 3, 1915).	59.22	do.	Do.
Do.	do.	New London, Conn.; Providence, R. I.; New York, N. Y. (June 20-23, 1915).	67.65	do.	Do.
Do.	do.	Madison, Wis., en route to California (June 27-30, 1915).	139.40	do.	Do.
Miles, Frank C.	Scientific assistant.	McGuirey, Ohio; La Fayette, Warsaw, Nappanee, Fort Wayne, Ind.; Port Huron, Yale, Deckerville, Grosve, Mich.; Chicago, Ill.; St. Paul, Minn. (July 15-Sept. 18, 1914).	322.66	To conduct experiments and investigations in the culture, improvement, and production of hemp and flax plants and fiber.	General expenses, Bureau of Plant Industry, 1915 (crop technology).
Do.	do.	Winchester, Lexington, Ky.; Milford, Warsaw, Fort Wayne, Ind.; Yale, Mich.; Cincinnati, Ohio (Sept. 30-Oct. 10, 1914).	102.43	do.	Do.
Do.	do.	Detroit, Port Huron, Deckerville, Yale, Grosve, Sandusky, Mich.; Chicago, Ill.; Crookston, St. Paul, Minn. (Apr. 24-May 20, 1915).	192.94	do.	Do.
Miller, Fred C.	do.	North Liberty, Ind. (May 2-15, 1915).	75.90	To assist with the planting of experimental truck crops and obtain data on the work in connection with horticultural investigations.	General expenses, Bureau of Plant Industry, 1915 (horticultural investigations).
Do.	do.	Norfolk, Va. (May 23-June 4, 1915).	55.55	do.	Do.
Do.	do.	North Liberty, South Bend, Indianapolis, Ind.; Chicago, Ill. (June 6-27, 1915).	102.56	do.	Do.
Miller, R. C.	Assistant.	Silver Creek, Buffalo, N. Y.; Detroit, Saginaw, Mich.; Chicago, Ill.; Milwaukee, Wis.; Minneapolis, Minn.; Fargo, N. Dak. (Oct. 1-Nov. 29, 1914).	200.68	To investigate the various phases of dockage in wheat and inspect grain-cleaning machinery in connection with grain standardization investigations.	General expenses, Bureau of Plant Industry, 1915 (grain standardization).



Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Oakley, R. A.....	Agronomist in charge.	Cleveland, Wellington, and New London, Ohio; Aberdeen, Redfield, and Huron, S. Dak.; Edgeley and Dickinson, N. Dak.; Moccasin and Billings, Mont.; Spokane, North Yakima, and Bellingham, Wash.; Moro, Oreg.; Chico, Cal.; Salt Lake City, Utah; Rocky Ford and Delta, Colo.; Hays and Manhattan, Kans. (Aug. 19-Oct. 11, 1914).	To inspect contract fields of seed entering into distribution of new and rare seeds and to procure stocks not grown under contract for the congressional distribution.	\$134.03	General expenses, Bureau of Plant Industry, 1915 (new and rare seeds).
Do.....	do.....	Philadelphia, Pa. (Nov. 17-18, 1914).....	To inspect and take notes on cooperative turf grass experiments in connection with forage crop investigations.	13.44	General expenses, Bureau of Plant Industry, 1915 (forage crop investigations).
Do.....	do.....	Elyria, Cleveland, Ohio (Feb. 15-18, 1915).	To arrange for cooperative experiments in breeding of timothy and other forage crops.	37.70	Do.
Do.....	do.....	Philadelphia, Pa. (Apr. 16-17, 1915).....	To inspect experiments with grasses and other forage crops.	13.39	Do.
Do.....	do.....	Fredericksburg, Port Conway, Va. (May 20-22, 1915).	do.....	9.45	Do.
Do.....	do.....	Philadelphia, Pa. (June 3-5, 1915).....	do.....	21.81	Do.
Orton, W. A.....	Pathologist in charge.	Camden, Trenton, and Moorestown, N. J.; Kingston, R. I.; Boston, Mass.; Caribou, Houlton and Waterville, Me.; St. Albans, Fairfax, and Burlington, Vt.; Plattsburg, Malone, and Rochester, N. Y.; Port Huron, Lansing, and Grand Haven, Mich.; Stevens Point and Waupaca, Wis.; St. Paul, Minn.; Greeley, Carbon-dale, and Denver, Colo.; Salt Lake and Ogden, Utah.; Pocatello, Lewiston, Twin Falls, Aberdeen, Jerome and Moscow, Idaho; Seattle and Tacoma, Wash.; Portland, Corvallis, Oreg.; Berkeley, Stockton, San Jose, Watsonville, and San Francisco, Cal. (July 27-Oct. 7, 1914).	To investigate diseases of potatoes and other truck crops, inspect field stations, and confer with State officials relative to seed improvement and related problems.	600.57	General expenses, Bureau of Plant Industry, 1915 (cotton and truck diseases).
Do.....	do.....	Madison, Wis. (Nov. 14-21 1914).....	do.....	55.04	Do.
				31.45	General expenses, Bureau of Plant Industry, 1915 (sugar-beet investigations).

Do.....	La Fayette, Ind.; Kalamazoo, Mich.; Pittsburgh, Pa. (Dec. 2-8, 1914).	To confer with officials of the State experiment stations and with commercial firms relative to the control of cucumber diseases and ar- range cooperative work on other truck-crop diseases.	76. 12	General expenses, Bureau of Plant Industry, 1915 (cotton and truck dis- eases).
Do.....	Philadelphia, Pa. (Dec. 28, 1914-Jan. 1, 1915).	To attend a conference on potato seed inspec- tion and certification and plan cooperative work on potato and other plant diseases.	15. 00	Do.
Do.....	New York, N. Y.; New Brunswick and Trenton, N. J.; Wilmington, Del. (Jan. 25-28, 1915).	To confer with State officials, vegetable pack- ers, and others in regard to tomato diseases and seed potato inspection.	38. 75	Do.
Do.....	Chicago, Ill. (Feb. 12-15, 1915).	To confer with experiment station officials and others regarding the control of cucumber diseases.	58. 70	Do.
Do.....	Norfolk, Va. (June 10-16, 1915).	To investigate truck diseases.	35. 00	Do.
Patterson, Flora W.....	Philadelphia, Pa.; New York, N. Y.; Rutherford, N. J. (Sept. 1-5, 1914).	To examine certain specimens of fungi, to ob- tain information in regard to the manufac- ture of mushroom spawn, and secure myco- logical specimens for the pathological col- lection.	24. 09	General expenses, Bureau of Plant Industry, 1915 (pathological laboratory)
Do.....	Philadelphia, Westchester, and Lansdale, Pa. (Oct. 22-24, 1914).	To investigate mushroom plants in connection with methods of making spawn, fumigating mushroom houses for the control of the my- cogone disease, and the packing and can- ning of mushrooms.	19. 30	Do.
Piper, Charles V.....	New Haven and New London, Conn.; Portsmouth, N. H.; Bangor, Me.; Bos- ton, Mass.; Kingston, R. I. (July 28-Aug. 7, 1914).	To inspect experiments and tests with grasses and other forage crops in connection with the improvement of forage crop production.	83. 47	General expenses, Bureau of Plant Industry, 1915 (forage crop investiga- tions).
Do.....	Topeka and Manhattan, Kans.; Stillwater, Okla.; Amarillo, Dallas, and San Antonio, Tex.; Riverside, Bard, Davis, and Berk- eley, Cal.; Moro and Corvallis, Oreg.; North Yakima, Bellingham, Puyallup, Pullman, and Spokane, Wash. (Aug. 13-Sept. 30, 1914).	.....do.....	481. 40	Do.
Do.....	Jackson, Tenn.; Vicksburg, Port Gibson, and Biloxi, Miss.; Lake City, New Iberia, Flomaton, Gainesville, Jacksonville, Palm Beach, and Miami, Fla. (Oct. 12-Nov. 5, 1914).	.....do.....	256. 31	Do.
Do.....	Philadelphia, Pa. (Nov. 17-18, 1914).	.....do.....	13. 54	Do.
Do.....	Baton Rouge, New Iberia, and Bayou Sara, La. (Jan. 19-26, 1915).	.....do.....	98. 31	Do.
Do.....	Philadelphia, Pa. (Apr. 16-17, 1915).	.....do.....	13. 29	Do.
Do.....	Philadelphia, Pa.; New York, N. Y. (June 1-5, 1915).	.....do.....	29. 89	Do.
Pratt, O. A.....	Boston, Mass. (Jan. 27-Feb. 12, 1915).	To examine imported potatoes as a condition of entry.	98. 07	Enforcement of the plant quarantine act, 1915.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Pritchard, Fred J.....	Physiologist.....	New Brunswick, N. J.; New York, N. Y. (Mar. 26-30, 1915).	To study and obtain information on the breeding of disease-resistant tomatoes in connection with cotton and truck diseases.	\$40.75	General expenses, Bureau of Plant Industry, 1915 (cotton and truck diseases).
Ricker, P. L.....	Assistant botanist.....	Boston, Mass. (Aug. 17-31, 1914).....	To collect foliage and fruit of evergreens for the economic collection and to study methods of preservation of flowers, leaves, and mosses for decorative purposes in connection with economic and systematic botany.	75.16	General expenses, Bureau of Plant Industry, 1915 (economic and systematic botany).
Do.....	do.....	Boston, Mass.; Westbury, N. Y.; Rutherford, N. J. (Oct. 13-16, 1914).	do.....	31.38	Do.
Do.....	do.....	Geneva and Rochester, N. Y.; Boston, Mass.; Philadelphia, Pa. (Apr. 27-May 22, 1915).	To collect flowers of peach varieties, study Chinese introductions at the Arnold Arboretum, and obtain horticultural trade catalogues for the department collection.	121.29	Do.
Ridgway, Chas. S.....	Assistant.....	York, Red Lion, Pa. (Aug. 19-23, 1914)....	To collect material for laboratory work in the improvement of tobacco and methods of tobacco production and handling.	9.04	General expenses, Bureau of Plant Industry, 1915 (tobacco investigations).
Do.....	do.....	York and Red Lion, Pa. (Sept. 21-26, 1914)	do.....	16.65	Do.
Rosenbaum, Joseph.....	Mycologist.....	New York, N. Y.; New Haven and Hartford, Conn.; Presque Isle, Me. (June 12-30, 1915).	To study powdery scab and other potato diseases in connection with cotton and truck diseases.	37.95	General expenses, Bureau of Plant Industry, 1915 (cotton and truck diseases).
Schultz, Eugene S.....	Pathologist.....	Lewiston, Presque Isle, Houlton, and other points in Maine (July 1-Oct. 19, 1914).	To conduct experiments on the control of potato diseases in connection with the office of cotton and truck diseases.	67.45	Do.
Do.....	do.....	Honeoye Falls, Avoca, and other points in New York (Nov. 15-21, 1914).	To conduct a survey for powdery scab of potato in connection with the Federal Horticultural Board.	35.16	Enforcement of the plant quarantine act, 1915.
Seofield, Carl S.....	Agriculturist in charge	New York, N. Y. (Sept. 16-17, 1914).....	To confer with manufacturers regarding problems affecting long-staple cottons grown on Government reclamation projects in the Southwest.	13.60	General expenses, Bureau of Plant Industry, 1915 (western irrigation agriculture).
Do.....	do.....	Lawton, Okla.; Sacaton, Phoenix, Mesa, Chandler, and Yuma, Ariz.; Bard, El Centro, and San Antonio, Tex. (Nov. 7-Dec. 12, 1914).	To investigate conditions affecting Egyptian and other cottons and inspect work at the field stations in connection with western irrigation agriculture.	308.01	Do.
Do.....	do.....	Minneapolis, Minn.; Fargo, N. Dak.; Huntley, Mont.; Ardmore and Newell, S. Dak.; Mitchell, Nebr.; Salt Lake City, Utah; Fallon, Nev. (June 2-30, 1915).	To inspect experiments in progress at the experimental farms and give directions for further work in connection with western irrigation agriculture investigations.	195.33	Do.



Shafer, Ralph W.	Assistant.....	Cumberland Mills and Portland, Me. (July 11-Sept. 17, 1914).	To conduct a series of tests in making paper under actual mill conditions and on a commercial scale from crop plants, wastes and by-products, in connection with paper plant investigations.	209.21	General expenses, Bureau of Plant Industry, 1915 (paper plant investigations).
Do.	do.....	Cumberland Mills and Portland, Me. (Nov. 1-28, 1914).	do.....	87.04	Do.
Shepherd, A. C.	do.....	Philadelphia, Pa. (Dec. 28-29, 1914).....	To record proceedings of the Potato Conference held to discuss State standards for seed certification, in connection with horticultural investigations.	10.25	General expenses, Bureau of Plant Industry, 1915 (horticultural investigations).
Do.	do.....	Orlando, Miami, Fort Lauderdale, Homestead, Jacksonville, Monticello, St. Petersburg, Palmetto, Tampa, and Lakeland, Fla. (Jan. 30-Mar. 20, 1915).	To aid in organizing an inspection force in connection with cooperative investigations for the eradication of citrus canker.	393.07	Cooperative investigations for the eradication of citrus canker.
Smith, Erwin F.	Pathologist in charge.	St. Louis, Mo. (Oct. 13-19, 1914).....	To represent the Bureau of Plant Industry at the twenty-fifth anniversary of the founding of the Missouri Botanical Garden, and present a paper entitled "A Conspectus of Bacterial Diseases of Plants."	74.95	General expenses, Bureau of Plant Industry, 1915 (pathological laboratory).
Snyder, Elmer	Scientific assistant.....	Vineland, N. J. (June 23-25, 1915).....	To assist with the viticultural work in connection with pomological investigations.	13.77	General expenses, Bureau of Plant Industry, 1915 (pomological investigations).
Spillman, W. J.	Agriculturist in charge	Troy and Springfield, Ohio (July 26-29, 1914).	To inspect in actual practice a system of farming outlined by the Office of Farm Management.	44.95	General expenses, Bureau of Plant Industry, 1915 (farm management).
Do.	do.....	New York and Yonkers, N. Y. (Apr. 2-4, 1915).	To obtain data in connection with farm management investigations.	23.65	Do.
Do.	do.....	Sioux City, Iowa; Wentworth, Me. (June 2-13, 1915).	do.....	105.04	Do.
Steece, Henry M.	Scientific assistant in agronomy.	Numerous points in Texas, Oklahoma, and Kansas (Aug. 18-Sept. 9, 1914).	To collect exhibit material for the exhibit of the department at the International Dry-Farming Congress, Wichita, Kans., 1914.	123.87	International Dry-Farming Congress, Wichita, Kans., 1915.
Stockberger, W. W.	Physiologist.....	Detroit and Kalamazoo, Mich.; New Albany, Indianapolis, Jeffersonville, Bethlehem, Ind.; Madison, Wis.; Mount Vernon, McLeansboro, and Salem, Ill. (Aug. 24-Sept. 5, 1914).	To investigate mint plantations, and commercial production of sunflowers, and to consult scientists and others regarding conditions affecting the production of drug and related plants.	110.62	General expenses, Bureau of Plant Industry, 1915 (drug and other plants).
Do.	do.....	Orlando, Green Cove Springs, and Jacksonville, Fla.; Florence and Timmons ville, S. C. (May 9-19, 1915).	To consult crude drug dealers, and inspect experimental and commercial plantings of drug and related plants.	68.50	Do.
Summers, T. H.	Scientific assistant.....	Forest, Ind. (Sept. 2-Oct. 5, 1914).....	To assist with farm management survey work in connection with farm economic investigations.	167.52	General expenses, Bureau of Plant Industry, 1915 (farm management).
Tidstrom, Ivar	do.....	Pen Mar and Waynesboro, Pa. (Aug. 17-23, 1914).	To collect plants for the economic collection maintained by the office of economic and systematic botany.	19.50	General expenses, Bureau of Plant Industry, 1915 (economic and systematic botany).
Do.	do.....	Salisbury and Quantico, Md. (Sept. 19-22, 1914).	do.....	6.50	Do.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Townsend, Chas. O.....	Plant pathologist in charge.	Toledo, Ohio; Detroit, Saginaw, and adjacent points in Michigan. (Aug. 22-31, 1914).	To investigate the sugar-beet industry in its relation to other farming operations.	\$76.76	General expenses, Bureau of Plant Industry, 1915 (sugar-beet investigations).
Do.....	do.....	Denver, Fort Collins, and Greeley, Colo. (Sept. 5-19, 1914).	do.....	161.22	Do.
Do.....	do.....	Toledo, Ohio; Fort Collins, Denver, La Junta, and Rocky Ford, Colo.; Salt Lake City and Lehi, Utah; Blackfoot, Idaho; Los Angeles and Santa Ana, Cal.; Phoenix, Ariz.; Garden City, Kans. (Oct. 9-Dec. 5, 1914).	do.....	426.51	Do.
Do.....	do.....	Toledo, Ohio; Denver, Fort Collins, Rocky Ford, La Junta and Colorado Springs, Colo.; Phoenix, and Glendale, Ariz.; Los Angeles, and El Monte, Cal.; Salt Lake City and Ogden, Utah; Garden City, Kans.; Blissfield, Mich. (Apr. 5-May 12, 1915).	do.....	398.88	Do.
Tracy, J. E. W.....	Assistant superintendent of testing gardens.	New York, N. Y.; Elizabeth and Summit, N. J.; Bridgeport, Conn. (Feb. 26-Mar. 1, 1915).	To inspect and procure machinery and devices for stitching tags on and sewing bags and sacks containing field seed, in connection with the new and rare field seed distribution.	24.70	General expenses, Bureau of Plant Industry, 1915 (new and rare seeds).
Tracy, sr., W. W.....	Superintendent of testing gardens.	Bloxi, Miss.; Phoenix, Ariz.; Los Angeles, Lompoc, Hollister, San Francisco and Gilroy, Cal.; Portland, Oreg.; Spokane and Fairfield, Wash.; Kendrick, Idaho; Rocky Ford, Colo. (July 6-Aug. 11, 1914).	To inspect contract fields of vegetable and flower seeds, and locate sources of supply of surplus seeds for the Congressional distribution.	213.00	Purchase and distribution of valuable seeds, 1915.
Do.....	do.....	Philadelphia, Pa. (Oct. 5-9, 1914).	To examine canneries and crops of market vegetables in order to acquire and disseminate information regarding the vegetable work of the office of horticultural investigations.	24.60	General expenses, Bureau of Plant Industry, 1915 (horticultural investigations).
True, Rodney H.....	Physiologist in charge.	Norfolk, Va. (Feb. 4-6, 1915).	To investigate physiological conditions underlying diseases of cabbage and spinach.	14.45	General expenses, Bureau of Plant Industry, 1915 (drug and other plants).
Do.....	do.....	Chicago, Ill. (Jan. 18-25, 1915).	To consult scientists and to investigate apparatus and equipment in physiological laboratories in connection with physiological and fermentation investigations.	51.85	Do.



Van Fleet, Walter.....	Physiologist.....	Wilmington and Felton, Del.; West Grove, Pa. (Oct. 27-29, 1914).	To investigate the chestnut tree bark disease and purchase seeds of resistant chestnut trees.	9.35	General expenses, Bureau of Plant Industry, 1915 (forest pathology).
Do.....	do.....	New York, N. Y.; Springfield, Mass.; Hartford, Conn.; Brunswick, Red Bank and Little Silver, N. J. (June 21-25, 1915).	To investigate various herb cultures and study market conditions of native drug plants in connection with investigations of drug and related plants.	36.85	General expenses, Bureau of Plant Industry, 1915 (drug and other plants).
Vinall, Harry N.....	Agronomist.....	Dodge City, Garden City, Hays, Colby, and Manhattan, Kans.; Stillwater, Okla.; Chillicothe and Lubbock, Tex.; Los Angeles, Brawley, Riverside and El Centro, Cal.; Yuma and Phoenix, Ariz.; Redfield and Huron, S. Dak. (July 1-Aug. 29, 1914).	To inspect experiments with dry-land forage crops in connection with the investigations and improvement of forage crops and forage crop production.	496.75	General expenses, Bureau of Plant Industry, 1915 (forage crop investigations).
Do.....	do.....	Chillicothe, Tex.; Jackson, Tenn. (Oct. 7-24, 1914).	do.....	151.69	Do.
Waite, Merton B.....	Pathologist in charge.....	Mount Jackson, Va. (Sept. 25-26, 1914).....	To investigate diseases of the apple in connection with fruit-disease investigations.	7.60	General expenses, Bureau of Plant Industry, 1915 (fruit diseases).
Do.....	do.....	Purecellville, Va. (Feb. 13-14, 1915).	do.....	1.85	Do.
Do.....	do.....	Winchester, Va. (June 7-8, 1915).	To study pear blight and cedar rust.	3.30	Do.
Ward, Don D.....	Scientific assistant.....	Baltimore, Md. (Nov. 18-21, 1914).....	To secure specimens of fruit for use in connection with the fruit identification investigations of the office of pomology.	15.70	General expenses, Bureau of Plant Industry, 1915 (pomological investigations).
Do.....	do.....	Winchester, Va. (Jan. 13-15, 1915).	do.....	12.38	Do.
Do.....	do.....	Rochester, N. Y. (Jan. 27-Feb. 2, 1915).	do.....	35.01	Do.
Warner, Marjorie F.....	Assistant.....	Chicago, Ill.; St. Louis, Mo.; Cincinnati, Ohio. (Apr. 15-May 30, 1915).	To examine and catalogue books on agriculture and gardening, to be included in the bibliography of horticulture being prepared by the office of economics and systematic botany.	154.70	General expenses, Bureau of Plant Industry, 1915 (economic and systematic botany).
Westgate, John M.....	Agronomist.....	Fredericksburg, Richmond and Chula, Va. (Aug. 21-28, 1914).	To establish experiments in seeding crimson clover and grass and clover mixtures for home pastures in connection with forage crop investigations.	72.80	General expenses, Bureau of Plant Industry, 1915 (forage crop investigations).
Do.....	do.....	Kingston, N. Y.; Bennington, Burlington, St. Albans, Lyndon and Windsor, Vt.; Durham, N. H.; New Brunswick, N. J. (Sept. 25-Oct. 7, 1914).	To investigate clover production and determine causes of crop failures.	87.66	Do.
Do.....	do.....	Fargo, N. Dak.; Ames, Iowa; Manhattan, Kans.; La Fayette, Ind. (Oct. 27-Nov. 7, 1914).	do.....	128.86	Do.
Wise, F. B.....	Assistant.....	New Orleans and Crowley, La.; Beaumont and Houston, Tex.; Atlanta, Ga.; Charleston, S. C.; and other points in States named (Nov. 16, 1914-Jan. 2, 1915).	To investigate methods of handling, grading, and marketing both rough and clean rice in connection with the office of grain standardization.	249.20	General expenses, Bureau of Plant Industry, 1915 (grain standardization).



Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Wood, George A.....	Assistant.....	Salt Lake City, Utah (June 10-30, 1915)....	To report the proceedings of a conference of field men of the offices of demonstrations on reclamation projects and western irrigation agriculture, and consult with them regarding the administrative details of their field work.	\$144.05	Demonstrations on reclamation projects, 1915.
Wright, R. C.....	Assistant physiologist.	Columbia and Calhoun, S. C.; Jacksonville, St. Augustine, West Palm Beach, Miami, Key West, Tampa, Orlando and Gainesville, Fla.; Experiment and Atlanta, Ga.; Raleigh, N. C. (Sept. 26-Oct. 17, 1914).	To collect soil samples for bacteriological analyses; supervise inoculation experiments, and secure legumes bearing nodules on their roots, in connection with soil bacteriology and plant nutrition investigations.	148.87	General expenses, Bureau of Plant Industry, 1915 (bacteriology and nutrition).

FOREST SERVICE.

Adams, Bristow.....	Forest examiner.....	Denver, Colo.; San Francisco and other points in California, points in Arizona and New Mexico; Portland, Oreg.; Spokane, Wash.; and Missoula, Mont. (July 1-Aug. 21, 1914).	To secure motion pictures and other photographs illustrating use of and work on national forests, and to take up with district foresters matters relating to the work of the office of information.	\$547.85	General expenses, Forest Service, 1915 (miscellaneous forest investigations).
Do.....	do.....	Woodstock, Va. (Oct. 15-17, 1914).....	To address a teachers' institute on the subject of forestry.	21.55	Do.
Adams, Jas. B.....	Assistant forester.....	Denver, Colo.; Ogden, Utah; Missoula, Mont.; Portland, Oreg.; San Francisco, Cal.; and Albuquerque, N. Mex. (Oct. 17-Nov. 17, 1914).	To inspect the office and general administrative work at the various district headquarters.	364.77	General expenses, Forest Service, 1915 (general administration).
Do.....	do.....	New York, N. Y. (Feb. 15-17, 1915).....	To secure certain information in regard to construction of telephone lines on national forests and the furnishing of telephone equipment by the Western Electric Co.	23.00	Do.
Do.....	do.....	Albuquerque, N. Mex.; San Francisco, Cal.; Portland, Oreg.; Missoula, Mont.; Ogden, Utah; and Denver, Colo. (Mar. 16-Apr. 29, 1915).	To assist the district foresters in preparing their 1916 allotment estimates, and to attend to other administrative matters.	417.60	Do.
Barnes, W. C.....	do.....	New York, N. Y. (June 8-11, 1915).....	To confer with American Game Protective Association relative to the adoption of a policy for handling game matters within the national forests.	26.85	Do.
Do.....	do.....	Points in Arizona and New Mexico (June 17-30, 1915).	To make certain range and field investigations connected with grazing matters.	214.01	Do.

Barrows, W. B.	Forest examiner	Various points in Maryland and Pennsylvania (May 12-June 30, 1915).	To remeasure forest sample plots located in the two States named.	166.06	General expenses, Forest Service, 1915 (silvical investigations).
Bell, Geo. E.	Field assistant.	do.	do.	79.02	Do.
Betts, H. S.	Engineer in forest products.	Atlantic City, N. J. (June 25-28, 1915).	To consult with members of committees of the American Society of Testing Materials regarding standard grading rules for forest products.	27.72	General expenses, Forest Service, 1915 (forest products).
Brenizer, N. W.	Artist.	Various points in the Rocky Mountain and Pacific States (June 17-30, 1915).	To secure by observation and sketches on the ground, first-hand knowledge of the topography and natural color in various national forest regions so as to better reproduce with exactness on lantern slides, bromide enlargements, and transparencies the colors of the different tree species, forest types, and geological formations of the national forests.	139.40	General expenses, national forest, 1915 (general administration).
Brush, W. D.	Scientific assistant in wood structure.	Jacksonville, Fla.; New Orleans, La.; Houston, Tex.; and various other points in the Southern States (July 14-Oct. 9, 1914).	To conduct an intensive study in the woods, mills, and markets of southern yellow-pine timber to determine the best methods for its classification and inspection.	644.51	General expenses, Forest Service, 1915 (forest products).
Do.	do.	Norfolk and other points in Virginia and North Carolina (May 19-June 5, 1915).	To complete the securing of data at woods and mills for working out a grading rule for southern yellow pine.	128.30	Do.
Do.	do.	New York, N. Y.; Boston, Mass., and Philadelphia, Pa. (June 14-26, 1915).	To conduct a market study as a part of the field work on project U-80, grading of southern yellow pine.	77.08	Do.
Chapline, W. R., jr.	Grazing assistant.	Ogden, Ephraim, and other points in Utah (July 1-Nov. 28, 1914).	To confer with district officials and to read proof of grazing data being printed under their direction, and to perform field work at the Utah experiment station.	281.15	General expenses, Forest Service, 1915 (national forest range investigations).
Do.	do.	Albuquerque, N. Mex., and the Jornada Range Reserve (May 10-June 30, 1915; trip not completed in fiscal year).	To confer with members of the district office relative to the proposed study of goat grazing in New Mexico and Arizona and to draw up a working plan for this project for consideration and approval.	137.69	Do.
Clapp, E. H.	Assistant forester.	Portland, Oreg., and various points in districts 6 and 1 (July 18-Oct. 9, 1914).	To inspect timber sales and other lines of work in the district offices and on the national forests.	648.23	General expenses, Forest Service, 1915 (general administration).
Do.	do.	Buena Vista, Va. (Feb. 8-14, 1915).	To secure data for formulating a timber-sale policy for the Natural Bridge purchase area.	30.25	Do.
Do.	do.	Madison, Wis. (Apr. 10-20, 1915).	To attend a conference at the forest products laboratory.	87.22	Do.
Do.	do.	Wausau and other points in Wis. (June 18-22, 1915).	To inspect certain paper mills cooperating with the Madison laboratory.	77.11	Do.
Dana, S. T.	Assistant chief of silvics.	Buena Vista and other points in Virginia, North Carolina, South Carolina, Georgia, Florida, and Louisiana (Nov. 30, 1914-Jan. 31, 1915).	To look into the possibility of establishing an experiment station in the Southern Appalachians and to inspect the investigative work being done by the Forest Service, including that in cooperation with other institutions in the Southern States.	351.07	General expenses, Forest Service, 1915 (silvical investigations).
Do.	do.	Harrisburg and other points in Pennsylvania (June 16-29, 1915).	To make a study of the effects of destructive lumbering on social, economic, and industrial conditions.	103.51	Do.



Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Dayton, W. A.....	Plant ecologist.....	Knoxville and Etowah, Tenn.; Atlanta and Clayton, Ga. (Aug. 3-Sept. 4, 1914).	To investigate forage and general grazing conditions on the Cherokee, Ga., and Savannah purchase areas.	\$133.55	General expenses, Forest Service, 1915 (national forest range investigations).
Diefenbach, R.....	Forest examiner.....	Asheville and Biltmore, N. C. (Sept. 12-17, 1914).	To take up certain matters in connection with the acquisition of the Vanderbilt estate on the Pisgah area.	30.80	Acquisition of lands for protection of watersheds of navigable streams.
Do.....	do.....	Hendricks and Elkins, W. Va. (Nov. 14-22, 1914).	To inspect survey work on new areas acquired or to be acquired under the Weeks law.	25.67	Do.
Do.....	do.....	Buena Vista, Va. (Apr. 6-10, 1915).....	To transact business in connection with the acquisition of land under the Weeks law.	18.85	Do.
Do.....	do.....	Johnson City, Tenn., and Marlon, N. C. (Apr. 24-May 2, 1915).	do.....	43.50	Do.
Fagan, M. E.....	Fiscal agent and chief, office of accounts.	Various headquarters of purchase areas in the Southern Appalachians; Florida; and Harrison and Hot Springs, Ark.; and the six western district headquarters (Jan. 8-Mar. 17, 1915).	To make an inspection of the handling of fiscal matters at district headquarters and at certain national forest headquarters.	563.96	General expenses, Forest Service, 1915 (general administration).
Frothingham, E. H....	Forest examiner.....	Madison, Wis.; Ann Arbor, Mich.; and various other points in Wisconsin and Michigan (July 21-Nov. 9, 1914).	To make a study of the marketing of wood-lot products.	511.42	General expenses, Forest Service, 1915 (silvical investigations).
Gould, C. W.....	Statistician in forest products.	Jacksonville, Fla., and various other points in the Southern States (July 14-Oct. 6, 1914).	To conduct an intensive study in the woods, mills, and markets of southern yellow pine timber to determine the best methods for classifying and inspecting it.	625.44	General expenses, Forest Service, 1915 (forest products).
Do.....	do.....	Baltimore, Md. (Mar. 20-21, 1915).....	To confer with the secretary of the American Wood Preservers' Association regarding publication by the association of a cooperative bulletin on the consumption of preservatives in 1914.	2.70	Do.
Graves, H. S.....	Forester.....	Headquarters of national forest districts in the West (Sept. 12-Nov. 8, 1914).	To make a general administrative inspection of Forest Service work in the districts.	535.63	General expenses, Forest Service, 1915 (general administration).
Do.....	do.....	New York, N. Y. (Jan. 10-12, 1915).....	To discuss with the International Paper Co. possible purchase in the White Mountains; and with representatives of New York State forest problems in the Adirondacks; also to make an address before the American Forestry Association.	21.55	Do.
Do.....	do.....	Madison, Wis., and Chicago, Ill. (Jan. 27-Feb. 6, 1915).	To inspect and familiarize himself more closely with the forest products laboratory work.	78.20	Do.



Do.....	do.....	San Francisco, and various other points in California; Albuquerque, N. Mex. (Mar. 17-Apr. 30, 1915).	To inspect and supervise generally the work of the Forest Service.	462.65	Do.
Do.....	do.....	New York, N. Y. (June 8-10, 1915).....	To confer with representatives of game protective associations regarding plans for game preservation on the national forests.	24.55	Do.
Greeley, W. B.....	Assistant forester.....	Chicago, Ill. (July 7-11, 1914).....	To attend a conference on lumber-industry studies.	59.10	Do.
Do.....	do.....	Madison, Wis.; Garden City, Kans.; and district headquarters in the West (Oct. 14-Dec. 16, 1914).	To make a general inspection of planting, timber sale, and forest products work.	529.57	Do.
Do.....	do.....	Madison, Wis. (Apr. 9-20, 1915).....	To attend a conference of Forest Service officers on investigations conducted by the service in various phases of forest products, including lumber-industry studies.	86.70	Do.
Hall, W. L.....	do.....	Elkins and other points in West Virginia (July 20-31, 1914).	To inspect work in connection with acquiring lands under the Weeks law on the Monongahela purchase area.	69.25	Acquisition of lands for protection of watersheds of navigable streams.
Do.....	do.....	Strasburg, Va. (Aug. 17-18, 1914).....	To confer with forest officer in charge in regard to survey work.	6.60	Do.
Do.....	do.....	Gorham, N. H., and Norcross, Me. (Sept. 2-Oct. 2, 1914).	To inspect possible purchase areas in Maine....	158.82	Do.
Do.....	do.....	Catche, Okla., and points in Arkansas (Oct. 3-Nov. 3, 1914).	To inspect the work on the national forests of Oklahoma and Arkansas.	189.06	General expenses, Forest Service, 1915 (general administration).
Do.....	do.....	Warren, N. H. (Dec. 1-7, 1914).....	To mark timber on the Ross timber sale.....	61.82	Do.
Do.....	do.....	Asheville, Marion, and Pisgah Forest, N. C. (Jan. 15-20, 1915).	To supervise field work on the Pisgah area....	40.05	Acquisition of lands for protection of watersheds of navigable streams.
Do.....	do.....	Hot Springs and Little Rock, Ark. (Feb. 1-Mar. 12, 1915).	To supervise field work on the Arkansas national forest and to confer with field men.	211.25	General expenses, Forest Service, 1915 (general administration).
Do.....	do.....	New York, N. Y. (Apr. 6-9, 1915).....	To perform work in connection with acquisition of lands in the White Mountain area.	24.80	Acquisition of lands for protection of watersheds of navigable streams.
Harris, J. T.....	Statistician in forest products.	Boston, Mass., and other points in New England (May 17-29, 1915).	To inspect lands being offered for purchase under the Weeks law.	73.78	Do.
		Harrison and Hot Springs, and other points in Arkansas (Oct. 7-Nov. 15, 1914).	To conduct a study on the Ozark and Arkansas National Forests (1) to determine the best method of measuring logs, and (2) to obtain data for use in altering the policies of disposing of forest timbers.	88.62	General expenses, Forest Service, 1915 (Forest products).
Harvey, F. L.....	Chief of claims.....	Missoula, Mont.; Portland, Oreg.; San Francisco, Cal.; and Albuquerque, N. Mex. (Mar. 13-June 26, 1915).	To inspect settlement work in district 1; to perform work in the office of lands in district 6; and to look after settlement and lands work in districts 5 and 3.	664.85	General expenses, Forest Service, 1915 (general administration).
Hegel, H. J.....	Assistant in lumbering.	New Haven, Conn.; New York, N. Y.; Philadelphia, Pa.; Madison, Wis., and points in Wisconsin, Illinois, Iowa, Missouri, and Nebraska (Mar. 15-June 30, 1915).	To gather data in connection with lumber-industry studies.	257.32	General expenses, Forest Service, 1915 (silvical investigations).

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Helphenstine, R. K.....	Clerk.....	Points in Tennessee, Kentucky, Ohio, and West Virginia (July 1-17, 1914).	To secure reports from lumber mills that failed to reply to the mail canvass conducted by the Bureau of Statistics and Forest Service to determine the amount of each kind of lumber produced in the United States in 1913.	\$135.97	General expenses, Forest Service, 1915 (forest products).
Do.....	do.....	Philadelphia, Pa. (Aug. 9-11, 1914).....	To complete the lumber inspection work at the League Island Navy Yard.	17.45	Do.
Do.....	do.....	Nashville, Tenn. (Sept. 8-14, 1914).....	To inspect a consignment of hickory handles for the Panama Canal Commission.	4.00	\$79.20 repaid to Forest Service by Panama Canal Commission.
Hodson, E. R.....	Forest examiner.....	Enosburg Falls, Vt. (June 2-30, 1915).....	To obtain farm-management data in regard to farm wood lots in cooperation with farm-management investigations.	134.94	General expenses, Bureau of Plant Industry, 1915 (farm management).
Jamison, Paul E.....	Clerk.....	New York, N. Y., and other points in the Eastern States (Nov. 2-8, 1914).	To assist in the preparation of reports upon the inspection of navy yards.	39.30	General expenses, Forest Service, 1915 (forest products).
Jardine, Jas. T.....	Inspector of grazing.....	District headquarters and other points in the six western national forest districts (July 16-Nov. 21, 1914).	To make a general inspection of range-investigation works.	823.27	General expenses, Forest Service, 1915 (national forest range investigations).
Do.....	do.....	Albuquerque and other points in New Mexico and Arizona (May 15-June 27, 1915).	To confer with members of the district office relative to range investigations on national forests in New Mexico and Arizona, and to plan and initiate these range investigations.	334.49	Do.
Kneipp, L. F.....	Assistant forester.....	District headquarters and other points in the six western national forest districts (Sept. 29, 1914-Feb. 16, 1915).	To make an administrative examination of grazing work on the national forests, including the investigation of complaints and controversies, attendance at meetings of national forest users, and all other work of an administrative character involving the grazing business.	874.30	General expenses, Forest Service, 1915 (general administration).
Kolb, C. A.....	Geographer.....	Headquarters of the national forests districts in the West (Apr. 13-June 9, 1915).	To inspect geography files and maps and to confer with district foresters and field officers on matters relating to standardizing surveying instruments and geography work in general.	391.70	General expenses, Forest Service, 1915 (miscellaneous forest investigations).



Lamb, Geo. N.....	Scientific assistant.....	Various points in Illinois, Missouri, Iowa, Michigan, and Indiana (July 21-Nov. 30, 1914).	To make a survey of the markets for farm timber including prices, dimensions, and specifications, visiting farm wood lots, making rough appraisals, and learning local practices of timber disposal.	632.45	General expenses, Forest Service, 1915 (silvical investigations).
Do.....	do.....	La Fayette, Ind. (June 11-30, 1915).....	To perform wood-lot demonstration work in cooperation with the Agricultural College of Purdue University.	31.05	Do.
Lamb, W. H.....	Scientific assistant in forest distribution.	Philadelphia, Pa. (Sept. 2-10, 1914).....	To examine botanical specimens in the herbarium of the Academy of Natural Sciences in connection with work on Ceanothus and forest distribution.	35.28	Do.
Lindstrom, C. A.....	Clerk.....	Wichita, Kans. (Sept. 28-Oct. 21, 1914).....	To assist in the preparation, installation, and demonstration of the exhibit of the Department at the International Dry-Farming Congress, Wichita, Kans.	159.12	International Dry-Farming Congress, Wichita, Kans., 1915.
Loving, H. I.....	District fiscal agent.....	Denver, Colo. (May 8-11, 1915).....	To return to station after temporary detail to Washington office.	93.26	General expenses, Forest Service, 1915 (general administration).
Lundgren, E. Leonard.	Hydro-electric engineer.	Portland, Oreg. (Feb. 9-16, 1915).....	do.....	91.05	Do.
McCreight, Arthur M..	Clerk.....	Points in Virginia, North and South Carolina (May 19-June 3, 1915).	To assist in completing the work at woods and mills for working out a grading rule for southern yellow pine.	85.20	Cooperative work, Forest Service.
Mackaye, Benton.....	Forest examiner.....	Madison, Wis., and other points in Wisconsin, Michigan, and Minnesota (July 23-Nov. 11, 1914).	To make a general wood-lot study with a view to assisting farmers in the proper handling of their wood lots and the profitable disposal of its products.	527.11	General expenses, Forest Service, 1915 (silvical investigations).
Do.....	do.....	Points in Wisconsin and Minnesota (June 29-30, 1915, trip not completed in fiscal year).	To collect data in the field in connection with wood-lot studies.	24.52	Do.
Mangan, W. J.....	Clerk (law examiner).....	Ogden, Utah, and points in districts 4 and 5 (Sept. 16-Oct. 31, 1914).	To assist in lands work in districts 4 and 5.....	329.75	General expenses, Forest Service, 1915 (general administration).
Mattoon, W. R.....	Forest examiner.....	Points in Ohio, Indiana, Illinois, and Wisconsin (July 14-Sept. 19, 1914).	To collect data in connection with the study of wood lots.	351.95	General expenses, Forest Service, 1915 (silvical investigations).
Merrill, O. C.....	Chief engineer.....	Various points in districts 5, 6, 4, 1, and 2 (July 14-Sept. 25, 1914).	To make a field inspection of road construction work being done from the road and trail fund, 10 per cent of receipts.	728.49	General expenses, Forest Service, 1915 (general administration).
Do.....	do.....	Denver, Colo. (Oct. 19-Nov. 2, 1914).....	To serve as a witness in a suit in which the Forest Service is interested.	149.92	Do.
Do.....	do.....	Ogden, Utah; Missoula, Mont.; Portland, Oreg.; San Francisco, Cal.; Albuquerque, N. Mex. (Jan. 30-Feb. 20, 1915).	To adjust allotments from the road and trail fund, and to map out a program for road construction work for the calendar year, 1915.	306.45	Do.
Murphy, L. S.....	Forest examiner.....	New Haven, Conn. (Jan. 12-16, 1915).....	To attend a meeting of collaborators under the Weeks law.	15.32	Cooperative fire protection of forested watersheds of navigable streams, 1915.
Do.....	do.....	Points in New Hampshire, Maine, and other Northeastern States (June 17-30, 1915).	To remeasure permanent sample plots in cooperation with the New Hampshire Agricultural College, and to inspect fire-protection work under the Weeks law.	44.68	General expenses, Forest Service, 1915 (silvical investigations).



*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Nellis, J. C.	Forest examiner	Chicago, Ill. (July 28-31, 1914).	To arrange transfer of work files and furniture from Chicago office to Washington.	\$63. 60	General expenses, Forest Service, 1915 (forest products).
Do	do	Boston, Winchenden, and other points in Massachusetts; and points in Connecticut (Aug. 15-28, 1914).	To confer with members of the Bureau of Entomology and the Massachusetts State forester regarding utilization study at Winchenden; to visit box factories and confer with officer of Bureau of Explosives in connection with project U-79; and to inspect chestnut fence posts in Connecticut.	59. 11	Do.
Do	do	Madison, Wis.; Chicago, Ill.; and Bay City, Mich. (Apr. 9-22, 1915).	To attend forest products conference at Madison and do certain other work incidentally.	69. 95	Do.
Do	do	Harrisburg, Lebanon, and Mount Gretna, Pa. (June 1-5, 1915).	To inspect experimental timbers in cooperation with the Pennsylvania department of forestry.	20. 15	Do.
Norcross, T. W.	Assistant chief engineer.	Bluefield, W. Va., and Abingdon, Va. (Sept. 15-23, 1914).	To gather information for condemnation suit regarding land now in White Top area.	63. 53	Acquisition of lands for protection of watersheds of navigable streams.
Do	do	Denver, Colo.; Albuquerque, N. Mex.; and points in Arizona and New Mexico (Sept. 30-Nov. 14, 1914).	To inspect water-power work and 10 per cent road projects under construction or intended construction.	556. 34	General expenses, Forest Service, 1915 (general administration).
Do	do	Asheville, N. C. (Apr. 12-16, 1915).	To inspect roads and road projects on Mount Mitchell and Pisgah areas and to investigate application of White Coal Power Co. for special-use permit.	80. 55	Do.
Do	do	San Francisco and points in California; points in Nevada; Portland, Oreg.; points in Washington, Missoula, and points in Montana (May 10-June 27, 1915).	To inspect water-power work and to investigate certain water-power projects and plants, particularly those to which San Francisco has objected in connection with its municipal use of certain land.	588. 30	Do.
Peters, J. G.	Chief of State cooperation.	Points in Wisconsin, Minnesota, and Michigan (July 10-Aug. 31, 1914).	To inspect the cooperative fire-protection work under the Weeks law in those States.	304. 21	Cooperative fire protection of forested watersheds of navigable streams, 1915.
Do	do	Points in Texas and various other Southern States (Oct. 18-Nov. 23, 1914).	To secure information for outlining a forest policy for Texas, and to confer with State foresters and other State forestry officials on Weeks law cooperation and State forestry work in general.	291. 34	General expenses, Forest Service, 1915 (silvical investigations).
Do	do	Raleigh, N. C. (Jan. 12-15, 1915).	To address the North Carolina Forestry Association on Weeks law fire-protection work, and to appear before the legislature in advocacy of a forestry bill.	27. 80	Do.

Do.	Do.	126.52	To appear before a legislative committee having charge of a forestry bill.
Pierson, A. H.	Statistician in forest products.	28.00	To secure reports from lumber mills not having replied to mail requests from the Bureau of Statistics and Forest Service.
Potter, A. F.	Associate forester.	502.25	To examine the large body of timber on the watershed of the Black River, Apache National Forest, for the purpose of determining the conditions under which it should be sold, and to make an inspection of grazing on some of the national forests in California, Utah, and Colorado.
Do.	Do.	472.06	To review reports on examination of lands in connection with proposed exchange with Montana, and to confer with State officials regarding fiscal settlement of the exchange; to review administrative matters in districts 6 and 5; and to attend meeting at San Francisco of American National Livestock Association.
Do.	Do.	475.57	To accompany the Secretary of Agriculture on a trip of general inspection of national forests in the Western States.
Randall, R. R.	Junior engineer.	20.75	To conduct field examination in connection (1) with proposed highway bridge, and (2) with water-power project on account of which application for permit had been made.
Reed, F. W.	Assistant district forester.	122.85	To make an administrative inspection of the office and field work.
Do.	Do.	87.39	To inspect the office and field work on the White Mountain area.
Do.	Do.	108.92	To inspect the work on the Georgia and Cherokee areas.
Do.	Do.	175.48	To make an inspection of the Florida National Forest.
Do.	Do.	229.24	To inspect the office and field work on the Ozark and Arkansas National Forests.
Schneider, Elsa.	Clerk.	107.00	To take new station.
Shearman, Thos. G.	Law officer in charge of forest appeals.	418.70	To inspect typical classification projects in districts 1, 6, and 3, illustrating lands which should be withheld from listing because of different stands of timber, ranging from the very heavy down to woodland type, and to investigate locally cases involving forest appeals on the Bitterroot, Santa Barbara, and Tusayan National Forests.
Do.	Do.	460.06	To make local investigation of forest appeals cases on the Arkansas, Angeles, Paulina, and Lewis and Clark National Forests.

Austin, Tex. (Feb. 3-12, 1915).	Points in Virginia and Maryland (July 1-6, 1914).	Albuquerque, N. Mex., and various points in Arizona and California; Ogden, Utah; and Denver, Colo. (July 7-Aug. 28, 1914).	Missoula, Mont.; points in Idaho; Portland, Oreg.; and San Francisco, Cal. (Feb. 4-Apr. 7, 1915).	Albuquerque, N. Mex.; Williams, Ariz.; Los Angeles and other points in California; Spokane, Wash.; Portland, Oreg.; Missoula and Butte, Mont. (Apr. 27-May 30, 1915).	Buena Vista and Lexington, Va. (Feb. 23-25, 1915).	Purchase areas in Virginia and North Carolina (Aug. 4-27, 1914).	North Conway, Glen Cliff and Bethlehem, N. H. (Sept. 3-29, 1914).	Blue Ridge, Ga., and Etowah, Tenn. (Nov. 2-21, 1914).	Ocala and other points in Florida (Mar. 26-Apr. 22, 1915).	Harrison and Hot Springs, Ark. (May 11-June 18, 1915).	San Francisco, Cal. (Oct. 1-6, 1914).	Missoula, Mont.; points in Idaho; Seattle, Wash.; Portland, Oreg.; San Francisco and other points in California; Williams and Flagstaff, Ariz.; and Albuquerque, N. Mex. (Oct. 20-Nov. 22, 1914).	Kansas City, Mo.; Albuquerque, N. Mex.; Los Angeles, San Francisco, and Riverside, Cal.; Portland and Bend, Oreg.; and points in Washington and Montana (Apr. 19-June 4, 1915).
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*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

## FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Sherman, E. A. ....	Assistant forester.....	Harrison and Mena, Ark. (Apr. 16-26, 1915).	To make a general inspection of land classification and boundary work on the Ozark and Arkansas National Forests.	\$135.26	General expenses, Forest Service, 1915 (general administration).
Do.....	do.....	Denver, Colo., and other western points (June 27-30, 1915).	To make a general inspection of "Lands" work in the district offices in the West.	53.16	Do.
Simmons, R. E. ....	Statistician in forest products.	Portsmouth, N. H.; Boston, Mass.; and New York, N. Y. (Aug. 11-29, 1914).	To make a survey of lumber conditions at the navy yards under cooperative agreement with the Navy Department.	147.37	General expenses, Forest Service, 1915 (forest products).
Smith, A. W. ....	Assistant chief, office of accounts.	San Francisco, Cal.; Portland, Oreg.; Missoula, Mont.; Albuquerque, N. Mex. (May 6-June 30, 1915).	To inspect the district fiscal agents' offices and to take temporary charge of accounts at San Francisco.	344.50	General expenses, Forest Service, 1915 (general administration).
Smith, C. L. ....	Forest examiner.....	New York, N. Y. (June 9-12, 1915).....	To confer with American Game Protective Association relative to adoption of policy for handling game matters in national forests.	50.70	Do.
Do.....	do.....	Ogden, Utah (June 24-27, 1915).....	To return to station after temporary detail at Washington office.	106.00	Do.
Smith, C. Stowell....	Assistant district forester (district 5).	Boston, Mass., and New Haven, Conn. (Mar. 3-6, 1915).	To collect data in connection with the lumber industry study.	28.55	Do.
Do.....	do.....	Norfolk, Va., and various points in South Carolina and Virginia (Mar. 8-Apr. 9, 1915).	.....do.....	186.36	Do.
Do.....	do.....	Madison, Wis.; Little Rock and other points in Arkansas (Apr. 11-May 20, 1915).	.....do.....	136.95	Do.
Do.....	do.....	Kansas City, Mo.; Chicago, Ill.; San Francisco, Cal. (May 21-June 8, 1915).	To collect data in connection with the lumber industry study and to return to permanent station after detail to Washington office.	217.50	General expenses, Forest Service, 1915 (silvical investigations).
Smith, H. A. ....	Editor.....	New Haven, Conn. (Dec. 12-14, 1914).....	To confer with members of faculty of Yale University regarding candidates for positions in the office of editor.	24.20	General expenses, Forest Service, 1915 (miscellaneous forest investigations).
Do.....	do.....	Various points in districts 1, 6, 5, and 3 (June 22-30, 1915).	To conduct special studies: (1) of recreation use and recreation problems of the national forests; (2) of the national forests as sources of municipal water supplies; and (3) to inspect district educational work.	130.80	Do.
Stabler, H. O. ....	Assistant district forester (district 7).	Buena Vista and Natural Bridge, Va. (Sept. 11-22, 1914).	To inspect office and field work on the Natural Bridge area.	48.65	General expenses, Forest Service, 1915 (general administration).



Do.	.....do.....	Harrison, Hot Springs, and other points in Arkansas (Oct. 19, 1914-Mar. 11, 1915).	To inspect office and field work on the Ozark and Arkansas National Forests, and to take charge temporarily as acting supervisor of the Arkansas Forest.	563.75	Do.
Do.	.....do.....	Woodstock, Va. (June 16-21, 1915).	To inspect office and field work on the Massanutten and Potomac purchase areas.	36.05	Do.
Sterrett, W. D.	Forest examiner.	Various points in Tennessee and Kentucky (Aug. 11-Dec. 11, 1914).	To collect field data relating to farmers' woodlots.	595.43	General expenses, Forest Service, 1915 (silvical investigations).
Sudworth, Geo. B.	Assistant forester.	Charleston, S. C. (June 28-30, 1915).	To examine and make recommendations for the care of tree growth on the United States naval station lands at Charleston, S. C.	34.85	Do.
Swan, O. T.	Engineer in forest products.	Wrightsville Beach, N. C. (July 16-18, 1914).	To attend a meeting of the North Carolina Pine Association, and to discuss the improved grading of southern yellow pine and the Forest Service investigations on this subject.	123.85	General expenses, Forest Service, 1915 (forest products).
Do.	.....do.....	Jacksonville, Fla., and other points in Florida, Georgia, and Alabama (Aug. 6-12, 1914).	To inspect field work being conducted on southern yellow pine.	12.30	Do.
Do.	.....do.....	Boston, Mass.; Portsmouth, N. H.; New York, N. Y. (Aug. 22-23, 1914).	To confer with R. E. Simmons in connection with inspection report on the east-coast navy yards.	49.15	Do.
Do.	.....do.....	Chicago, Ill.; Oshkosh, Wis.; Portland, Oreg.; San Francisco, Cal.; Missoula, Mont.; Denver, Colo.; St. Louis, Mo.; and other points (Sept. 20-Dec. 8, 1914).	To secure information concerning the grading of southern yellow pine, Douglas fir, and hardwood lumber, and to discuss relative values of different specifications calling for these woods.	603.00	Do.
Do.	.....do.....	Chicago, Ill., and Milwaukee, Wis. (Jan. 24-31, 1915).	To address meeting of the National Hemlock and Hardwood Association.	62.09	Do.
Do.	.....do.....	New York, N. Y. (Mar. 1-3, 1915).	To discuss with Engineer H. von Schrenck proposed Forest Service yellow-pine grading rules.	13.30	Do.
Do.	.....do.....	Chicago, Ill. (Mar. 17-20, 1915).	To attend meeting of committee on structural timber, American Society Testing Materials.	64.45	Do.
Tillotson, C. R.	Forest examiner.	Various points in Michigan, Wisconsin, Minnesota, Ohio, Indiana, Illinois, Iowa, Missouri, Kentucky, Tennessee, and West Virginia (July 17-Nov. 28, 1914).	To study woodlot conditions with a view to the development of plans and means for the better marketing of farmers' woodlot products.	514.92	General expenses, Forest Service, 1915 (silvical investigations).
Do.	.....do.....	Points in Vermont, Wisconsin, Indiana, and Minnesota (June 25-30, 1915).	To assist Mr. E. R. Hodson in obtaining farm-management data relating to woodlots in Vermont, and to continue farm woodlot studies in the other States named.	33.48	Do.
Wheeler, B. L.	Mineral examiner.	Ogden, Utah (Oct. 9-12, 1914).	To return to station after temporary detail at Washington.	37.25	General expenses, Forest Service, 1915 (general administration).
Do.	National forest examiner.	Phoenix, Ariz.; Albuquerque, N. Mex.; Hot Springs, Ark. (Dec. 28, 1914-Jan. 27, 1915).	To testify for the Government in a case before the Federal court at Phoenix; to discuss entry survey matters at Albuquerque; and to take up with the supervisor certain matters affecting the Arkansas National Forest.	281.80	Do.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
White, David G.....	Forest assistant.....	Jacksonville, Fla., and other points in the Southern States (July 14–Sept. 26, 1914).	To conduct an intensive study in the woods, mills, and markets of southern yellow pine to determine the best methods for classifying and inspecting it.	\$517.58	General expenses, Forest Service, 1915 (forest products).
Do.....	do.....	New York, N. Y.; Boston, Mass.; and Philadelphia, Pa. (June 19–25, 1915).	To conduct a market study as a part of the field work on project U-80—grading of southern yellow pine.	77.90	Do.
Zon, Raphael.....	Chief, office of forest investigation.	Madison, Wis.; points in Minnesota; Missoula, Mont.; Portland and other points in Oregon; San Francisco, and other points in California; Ogden, Utah; and Denver, Colo. (Aug. 22–Oct. 27, 1914).	To make a general inspection of forest investigation projects.	534.11	General expenses, Forest Service, 1915 (silvical investigations).
Do.....	do.....	Berlin and Snow Hill, Md. (May 17–20, 1915)	To inspect permanent sample plots of woodland	29.62	Do.
Do.....	do.....	Points in Massachusetts, Maine, and New Hampshire (May 23–June 4, 1915).	To inspect experimental forest-management work for control of gypsy moth in New England.	63.80	Do.

BUREAU OF CHEMISTRY.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Abbott, J. S.....	Chemist in charge, State cooperative food and drug control.	Poland Springs, Portland, Augusta and Orono, Me.; Concord, N. H.; Burlington, Vt.; Albany, N. Y.; Amherst and Boston, Mass.; Providence, Kingston, R. I.; New Haven and Hartford, Conn.; New York, N. Y.; Trenton, Bridgeton and Millville, N. J. (July 10–Aug. 12, 1914).	To perform work as regards collaboration between the Federal and State Governments in connection with the enforcement of the food and drugs act; to secure closer and more effective cooperation in this important work.	\$199.00	Enforcement of the food and drugs act, 1915.
Do.....	do.....	Chicago, Ill. (Sept. 7–13, 1914).	do.....	72.57	Do.
Do.....	do.....	Columbia, S. C.; Baltimore, Md. (Sept. 16–23, 1914).	do.....	41.00	Do.
Do.....	do.....	Raleigh, N. C. (Sept. 29–Oct. 1, 1914).	do.....	25.00	Do.
Do.....	do.....	Chicago, Ill. (Oct. 24–30, 1914).	do.....	64.65	Do.
Do.....	do.....	Harrisburg, Pa.; New York, N. Y. (Nov. 24–25, 1914).	do.....	26.37	Do.
Do.....	do.....	Cincinnati, Ohio; Lexington, Ky.; Nashville and Memphis, Tenn.; Little Rock, Ark.; West Point and Corinth, Miss. (Dec. 7–28, 1914).	do.....	114.99	Do.

Do.....	do.....	do.....	38.85	Do.
Do.....	do.....	do.....	202.67	Do.
Do.....	do.....	do.....	83.30	Do.
Do.....	do.....	To attend a meeting of the national food trades conference in New York City and to perform work as regards collaboration between the Federal and State Governments in connection with the enforcement of the food and drugs act; to secure closer and more effective cooperation in this important work.	45.15	Do.
Do.....	do.....	To perform work as regards collaboration between the Federal and State Governments in connection with the enforcement of the food and drugs act; to secure closer and more effective cooperation in this important work.	246.84	Do.
Do.....	do.....	do.....	109.61	Do.
Albright, A. R.....	Organic chemist.....	To study the chemistry and production of salicylic acid and of methyl salicylate, in connection with the enforcement of the food and drugs act.	47.55	Do.
Allen, F. M.....	Mechanic.....	To become familiar with the fish investigations at those points, with a view to doing certain mechanical work necessary for preparing a machine for use in these investigations.	65.90	General expenses, Bureau of Chemistry, 1915 (fish investigations).
Do.....	do.....	To inspect and select material necessary for the preparation of an experimental fish-cutting machine, for use in connection with investigations relative to the handling, packing, canning, and transportation of fish.	25.06	Do.
Do.....	do.....	To inspect the manufacture of a vacuum oven and material being placed therein.	2.15	General expenses, Bureau of Chemistry, 1915 (poultry and egg investigations).
Do.....	do.....	do.....	4.00	Do.
Almy, L. H.....	Assistant chemist.....	To assist in the investigation of the handling, shipping, and preservation of fish.	74.20	General expenses, Bureau of Chemistry, 1915 (fish investigations).

Boston, Mass. (Jan. 4-7, 1915).  
 St. Louis and Kansas City, Mo.; Topeka, Kans.; Oklahoma City, Okla.; Dallas and Houston, Tex.; New Orleans, La.; Manhattan, Kans.; Biloxi and Gulfport, Miss.; Baton Rouge, La.; Jackson and Starkville, Miss. (Jan. 10-26, 1915).  
 Raleigh, N. C.; Columbia, S. C.; Jacksonville, Fla.; Tallahassee and Thompsonville, Fla.; Atlanta, Ga. (Mar. 28-Apr. 3, 1915).  
 Baltimore, Md.; New York, N. Y.; Trenton, N. J.; Harrisburg, Pa.; Wilmington, Del.; Philadelphia, Pa.; Trenton, N. J. (Apr. 14-23, 1915).

Montgomery, Ala.; New Orleans, La.; Houston, Austin and Dallas, Tex.; Oklahoma City and Guthrie, Okla.; Topeka, Kans.; Des Moines, Iowa; Kansas City, Mo.; Lincoln, Neb.; Vermillion, S. Dak.; St. Paul, Minn.; Madison, Wis.; Dubuque, Iowa; Chicago, Ill.; Lansing, Mich.; Columbus, Ohio (May 1-23, 1915).  
 New York and Albany, N. Y.; Boston, Mass.; Bangor and Portland, Me.; Durham, N. H.; Kingston and Providence, R. I.; Concord, N. H.; Burlington, Vt.; New Haven, Conn.; New Brunswick, Pa.; Trenton, N. J. (June 17-28, 1915).  
 Philadelphia, Pa.; New York, N. Y. (June 21-28, 1915).

Eastport, Me.; New York, N. Y.; Boston, Mass. (Sept. 23-30, 1914).

Philadelphia, Pa. (May 24-25, 1915).....

Baltimore, Md. (June 7, 1915).....

Baltimore, Md. (June 12, 1915).....  
 New Haven, Conn. (July 1-Aug. 8, 1914).....



*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

BUREAU OF CHEMISTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Alsberg, C. L.	Chemist and Chief, Bureau of Chemistry.	New York, N. Y.; Poland Springs and Portland, Me. (July 10-20, 1914).	To supervise, direct, and inspect the work of the Bureau of Chemistry in connection with the enforcement of the food and drugs act.	\$86.10	Enforcement of the food and drugs act, 1915.
Do.	do.	Philadelphia, Pa. (Nov. 21, 1914).	do.	6.20	Do.
Do.	do.	Chicago, Ill. (Dec. 2-7, 1914).	do.	52.92	Do.
Do.	do.	New York, N. Y. (Dec. 13-15, 1914).	do.	14.78	Do.
Do.	do.	Philadelphia, Pa. (Dec. 31, 1914-Jan. 1, 1915).	do.	11.70	Do.
Do.	do.	Baltimore, Md. (Jan. 12, 1915).	do.	1.95	Do.
Do.	do.	Baltimore, Md.; Philadelphia, Pa. (Feb. 4-5, 1915).	do.	10.85	Do.
Do.	do.	New York, N. Y. (Feb. 11, 1915).	To attend the convention of the National Cannery Association.	10.55	Do.
Do.	do.	Richmond, Va. (Mar. 12-13, 1915).	To supervise, direct, and inspect the work of the Bureau of Chemistry in connection with the enforcement of the food and drugs act.	8.70	Do.
Do.	do.	New Orleans, La. (Mar. 31-Apr. 4, 1915).	To attend the meeting of the American Chemical Society.	78.15	General expenses, Bureau of Chemistry, 1915 (biological investigations).
Do.	do.	Chicago, Ill. (Apr. 11-15, 1915).	To supervise, direct, and inspect the work of the Bureau of Chemistry in connection with the enforcement of the food and drugs act.	60.05	Enforcement of the food and drugs act, 1915.
Do.	do.	New York, N. Y.; Boston, Mass. (Apr. 15-18, 1915).	do.	34.76	Do.
Do.	do.	New York, N. Y. (Apr. 23-25, 1915).	do.	16.08	Do.
Anderson, F. T.	Junior chemist.	Baltimore, Centerville, Easton, Hurllock, Preston and Salisbury, Md.; Laurel, Dover, Middletown, and Wilmington, Del.; Lebanon, Prescott, Meyerstown, Manheim, Lititz, Ahren, Denver, Landisville, Mount Joy, Elizabethtown, Lancaster, Harrisburg, Hanover and York, Pa. (Mar. 31-Apr. 14, 1915).	To assist in the investigations relative to the net weight amendment to the food and drugs act.	75.12	Do.
Bailey, H. S.	Food investigation chemist.	Baltimore, Md. (Oct. 1-2, 1914).	To make an investigation in the utilization of tomato seed refuse from canning factories, in connection with the enforcement of the food and drugs act.	5.30	Do.
Do.	do.	Marion, Ind. (Oct. 5-11, 1914).	do.	63.90	Do.

Do.	Do.	Do.	To inspect the India Refining Co.'s plant and obtain authentic samples of coconut oil and cocoa-butter substitutes, in connection with the enforcement of the food and drugs act.	14.20	Do.
Do.	Do.	Do.	To investigate the manufacture of tin plate and similar material used in making tin cans, in a study of the effect thereof on foods, in connection with the enforcement of the food and drugs act.	48.56	Do.
Do.	Do.	Do.	To attend the meetings of the Interstate Cotton Crushers and the Society of Cotton Products Analysts.	73.55	Do.
Do.	Do.	Do.	To inspect the manufacture of tin cans from certain specially prepared tin plate for use in packing food products in connection with the enforcement of the food and drugs act.	2.60	Do.
Do.	Do.	Do.	do	2.60	Do.
Balcom, R. W.	Do.	Do.	To take samples of vinegar to be used in connection with the enforcement of the food and drugs act.	6.60	Do.
Bates, C.	Bacteriologist.	New Haven, Conn.; Boston, Mass. (July 8-18, 1914).	To investigate the packing, handling, storing, and shipping of oysters and other shellfish.	106.24	General expenses, Bureau of Chemistry, 1915 (oysters and other shellfish investigations).
Do.	Do.	Manorville, N. Y.; New Haven, Conn.; New York, N. Y. (Aug. 2-7, 1914).	do	32.18	Do.
Do.	Do.	{ Baltimore, Md.; Philadelphia, Pa.; New York, N. Y.; New Haven, Conn. (Aug. 31-Sept. 6, 1914).	{ To conduct bacteriological investigations in connection with the enforcement of the food and drugs act.	11.30	Do.
Do.	Do.	Pittsburgh, Pa. (Sept. 9-12, 1914).	do	20.62	Enforcement of the food and drugs act, 1915.
Do.	Do.	New York, N. Y.; New Haven, Conn. (Sept. 13-19, 1914).	To investigate the packing, handling, storing, and shipping of oysters and other shellfish.	16.90	Do.
Do.	Do.	New York, N. Y.; New Haven, Conn. (Sept. 27-Oct. 3, 1914).	do	45.42	General expenses, Bureau of Chemistry, 1915 (oysters and other shellfish investigations).
Do.	Do.	New York, N. Y.; Springfield, Mass.; Chicago, Ill.; Milwaukee, Wis. (Oct. 11-21, 1914).	do	27.60	Do.
Do.	Do.	Chicago, Ill.; Toronto, Canada; New York, N. Y. (Oct. 21-23, 1914).	To conduct bacteriological investigations in connection with the enforcement of the food and drugs act.	78.00	Do.
Do.	Do.	New York, N. Y. (Oct. 23-25, 1914).	To investigate the packing, handling, storing, and shipping of oysters and other shellfish.	31.35	Enforcement of the food and drugs act, 1915.
Do.	Do.	Chicago, Ill. (Oct. 29-Nov. 2, 1914).	To appear as a witness in a case reported for prosecution under the food and drugs act.	22.44	General expenses, Bureau of Chemistry, 1915 (oysters and other shellfish investigations).
Do.	Do.	Baltimore, Md.; Philadelphia, Pa., and waters bordering thereon (Nov. 9-10, 1914).	To conduct bacteriological investigations in connection with the enforcement of the food and drugs act.	60.25	Enforcement of the food and drugs act, 1915.
				14.20	Do.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

## BUREAU OF CHEMISTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Bates, C.....	Bacteriologist.....	Philadelphia and Pittsburgh, Pa.; Chicago, Ill. (Nov. 10-14, 1914).	To appear as a witness in a case reported for prosecution under the food and drugs act.	\$60.97	Enforcement of the food and drugs act, 1915.
Do.....	do.....	New York, N. Y.; South Norwalk and New Haven, Conn. (Nov. 18-22, 1914).	To investigate the packing, handling, storing, and shipping of oysters and other shellfish.	35.35	General expenses, Bureau of Chemistry, 1915 (oysters and other shellfish investigations).
Do.....	do.....	Jacksonville, Fla. (Nov. 29-Dec. 5, 1914).	To conduct bacteriological investigations in connection with the enforcement of the food and drugs act.	68.60	Enforcement of the food and drugs act, 1915.
Do.....	do.....	New York, N. Y.; South Norwalk, Conn.; Providence, R. I.; New Haven, Conn.; Boston, Mass. (Dec. 18-24, 1914).	To investigate the packing, handling, storing, and shipping of oysters and other shellfish.	42.25	General expenses, Bureau of Chemistry, 1915 (oysters and other shellfish investigations).
Do.....	do.....	Philadelphia, Pa. (Dec. 29, 1914-Jan. 2, 1915).	To conduct bacteriological investigations in connection with the enforcement of the food and drugs act.	27.30	Enforcement of the food and drugs act, 1915.
Do.....	do.....	South Norwalk, Conn.; New York, N. Y. (Jan. 10-13, 1915).	To investigate the packing, handling, storing, and shipping of oysters and other shellfish.	26.25	General expenses, Bureau of Chemistry, 1915 (oysters and other shellfish investigations).
Do.....	do.....	Norfolk, Va. (Jan. 17-19, 1915).	To appear as a witness in a case reported for prosecution under the food and drugs act.	14.34	Enforcement of the food and drugs act, 1915.
Do.....	do.....	Lexington, Ky. (Jan. 19-21, 1915).	To investigate the packing, handling, storing, and shipping of oysters and other shellfish.	28.20	General expenses, Bureau of Chemistry, 1915 (oysters and other shellfish investigations).
Do.....	do.....	Cincinnati, Ohio; Cumberland, Md. (Jan. 21-23, 1915).	To conduct bacteriological investigations in connection with the enforcement of the food and drugs act.	30.05	Enforcement of the food and drugs act, 1915.
Do.....	do.....	Baltimore, Md. (Feb. 9, 1915).	do.....	4.05	Do.
Do.....	do.....	New York, N. Y.; Jersey City, N. J. (Feb. 17-19, 1915).	do.....	23.58	Do.
Do.....	do.....	Boston, Mass.; South Norwalk and Bridgeport, Conn.; Springfield, Mass.; Albany, Binghamton, and New York, N. Y.; Philadelphia, Pa.; Baltimore, Md. (Mar. 2-11, 1915).	do.....	74.46	Do.
Do.....	do.....	New Orleans, La.; Lexington, Ky. (Mar. 13-24, 1915).	To attend a meeting of the National Shellfish Commissioners and to conduct bacteriological investigations in connection with the enforcement of the food and drugs act.	112.07	Do.



Do.....	Do.....	New Haven, South Norwalk, and Bridgeport, Conn.; New York, N. Y. (Mar. 29-Apr. 1, 1915).	To conduct bacteriological investigations in connection with the enforcement of the food and drugs act.	37.24	Do.
Do.....	Do.....	St. Louis, Mo. (Apr. 6-10, 1915).	To appear as a witness in a case reported for prosecution under the food and drugs act.	70.25	Do.
Do.....	Do.....	Buffalo and Williamsville, N. Y.; Philadelphia, Pa. (Apr. 25-28, 1915).	To conduct bacteriological investigations in connection with the enforcement of the food and drugs act.	40.79	Do.
Do.....	Do.....	Baltimore, Md. (May 3, 1915).	do.....	3.75	Do.
Do.....	Do.....	Chicago, Ill.; Dubuque, Iowa, Milwaukee and Carrollsville, Wis. (May 6-16, 1915).	do.....	105.70	Do.
Do.....	Do.....	New York, N. Y.; Boston, Mass.; Montreal, Canada; Rouses Point, N. Y.; Burlington and Bellow Falls, Vt.; Springfield, Mass. (May 21-29, 1915).	do.....	77.51	Do.
Baughman, W. F.....	Assistant chemist.....	Parkersburg and Mason City, W. Va.; Pomeroy, Middleton, and Athens, Ohio (Nov. 30-Dec. 8, 1914).	To investigate the salt industry in connection with the enforcement of the food and drugs act.	65.91	Do.
Bidwell, G. L.....	Chief cattle and stock feed laboratory.	Memphis, Tenn.; Little Rock, Conway, and Morrilton, Ark.; Oklahoma City, and Elk City, Okla.; Amarillo, Guanhil, Dallas, Fort Worth, San Antonio, and Houston, Tex.; New Orleans, La.; Atlanta, Ga.; Charlotte, Raleigh, and Elizabeth City, N. C.; Norfolk, Va. (Oct. 19-Nov. 8, 1914).	To collect samples and study the composition of cotton seed and its products to aid in establishing standards and to aid in the enforcement of the food and drugs act.	239.52	Do.
Do.....	Do.....	Baltimore, Md.; Norfolk, Va. (Jan. 12-15, 1915).	To conduct an examination of oat samples in connection with the enforcement of the food and drugs act.	67.95	Do.
Do.....	Do.....	St. Louis, Mo.; Chicago, Ill. (Mar. 4-11, 1915).	To conduct a study of feed values of yeast to obtain information which will be of service in the enforcement of the food and drugs act.	86.40	Do.
Do.....	Do.....	Baltimore, Md. (Mar. 15-17, 1915).	To appear as a witness in a case reported for prosecution under the food and drugs act.	10.95	Do.
Bonney, V. B.....	Junior chemist.....	Denver, Colo. (May 17-19, 1915).	To be permanently assigned to Denver, Colo.	60.71	Do.
Borrmann, J. H.....	Assistant chemist.....	Chicago, Ill. (Jan. 10-11, 1915).	To be permanently assigned to Chicago, Ill.	26.55	Do.
Breazeale, J. F.....	Laboratory assistant.....	Lawton, Okla.; Big Springs, Tex. (Nov. 7-8, 1914).	To assist in establishing cooperative work in the chemistry of plant growth at the dry-land agriculture field stations.	133.43	General expenses, Bureau of Plant Industry, 1915 (dry-land agriculture).
Do.....	Do.....	Riverside, Cal. (Feb. 15-19, 1915).	To conduct citrus-malnutrition investigations in cooperation with the Bureau of Chemistry.	104.40	Do.
Brewster, J. F.....	Organic chemist.....	New Haven, Conn. (Mar. 25-Apr. 17, 1915).	To study methods of preparing proteins and to confer regarding cooperative work and to investigate certain apparatus required for the work in connection with the biological investigations.	88.25	General expenses, Bureau of Chemistry, 1915 (biological investigations).

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

## BUREAU OF CHEMISTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Broomell, A. W.	Assistant chemist.	New York, N. Y. (Jan. 13-17, 1915).	To consult with members of the food research laboratory on the marketing of poultry.	\$26.55	General expenses, Bureau of Chemistry, 1915 (poultry and egg investigations).
Do.	do.	Philadelphia, Pa. (Feb. 15, 1915).	To assist in investigations relative to the handling, transportation, and storage of poultry, eggs, and game.	6.20	Do.
Buehbinder, H. E.	do.	New York and Syracuse, N. Y. (Apr. 5-7, 1915).	To appear as a witness in a case reported for prosecution under the food and drugs act.	33.49	Enforcement of the food and drugs act, 1915.
Burton, K. L.	Laboratory helper.	Philadelphia, Pa. (Aug. 28-29, 1914).	To be permanently assigned to Philadelphia, Pa.	3.40	Do.
Callaway, J.	Junior chemist.	Buffalo, N. Y. (Apr. 30-May 1, 1915).	To be permanently assigned to Buffalo, N. Y.	15.18	Do.
Campbell, W. G.	Chief of inspection district.	Wilmington, Del. (July 16, 1914).	To conduct and supervise the food and drug inspection work in the eastern district.	8.55	Do.
Do.	do.	Boston, Mass.; New York, N. Y. (Aug. 25-29, 1914).	do.	35.75	Do.
Do.	do.	Philadelphia, Pa. (Sept. 8-10, 1914).	do.	13.35	Do.
Do.	do.	Philadelphia, Pa. (Nov. 24-25, 1914).	do.	13.85	Do.
Do.	do.	Buffalo, N. Y. (Jan. 8-16, 1915).	do.	84.91	Do.
Do.	do.	New York, N. Y.; Boston, Mass.; Philadelphia, Pa.; Raleigh, N. C.; Columbia, S. C.; Savannah, Ga.; Jacksonville and Tallahassee, Fla.; Thomasville and Atlanta, Ga.; Baltimore, Md.; New York, N. Y.; Trenton, N. J.; Harrisburg, Pa.; Wilmington, Del. (Mar. 3-Apr. 1, 1915).	do.	105.60	Do.
Do.	do.	Philadelphia, Pa.; New York, N. Y.; Boston, Mass. (May 3-8, 1915).	do.	51.15	Do.
Do.	do.	Petersburg and Richmond, Va.; Macon, Camak and Atlanta, Ga. (May 23-28, 1915).	do.	62.98	Do.
Do.	do.	New York and Albany, N. Y.; Boston, Mass.; Bangor, Orono, Portland, and Augusta, Me.; Kingston and Providence, R. I.; Concord, N. H.; Burlington, Vt.; New Haven, Conn.; New Brunswick and Trenton, N. J. (June 16-28, 1915).	do.	110.45	Do.
Chace, E. M.	Chemist in charge, citrus by-products laboratory.	Los Angeles, Porterville, Sacramento, and San Francisco, Cal.; Phoenix, Ariz.; Riverside, Cal. (Sept. 24, 1914-Jan. 30, 1915).	To investigate the sweating of citrus fruits in connection with the enforcement of the food and drugs act.	694.20	Do.
Chesnut, V. K.	Assistant chemist.	Philadelphia, Pa. (Aug. 5, 1914).	To appear as a witness in a case reported for prosecution under the food and drugs act.	8.80	Do.

Do.....	do.....	Baltimore, Md. (Sept. 9-14, 1914).....	To investigate the preparation of chewing gum in connection with the enforcement of the food and drugs act.	2.75	Do.
Do.....	do.....	Miami, Fla. (Nov. 7-26, 1914).....	To investigate the production of papain from the paw paw tree, in connection with the enforcement of the food and drugs act.	156.65	Do.
Chick, T.....	Skilled laborer.....	New York, N. Y. (June 6-12, 1915).....	To consult the chemist in charge of the New York laboratory relative to some new equipment, plumbing apparatus, etc., to be installed in the New York food and drug inspection laboratory.	35.17	Do.
Childress, W. H.....	Laboratory helper.....	Chicago, Ill. (Feb. 15-16, 1915).....	To be permanently assigned to Chicago, Ill.....	25.95	Do.
Church, C. G.....	Assistant chemist.....	Los Angeles and Porterville, Cal. (Oct. 1, 1914-Jan. 30, 1915).....	To investigate the sweating of citrus fruits in connection with the enforcement of the food and drugs act.	528.92	Do.
Clay, C. L.....	Junior chemist.....	New Orleans, La. (Dec. 1-4, 1914).....	To be permanently assigned to New Orleans, La.	40.10	Do.
Collins, W. D.....	Assistant chemist.....	Pittsburgh, New Castle, Vandergrift, and New Kensington, Pa. (Apr. 18-May 13, 1915).....	To investigate the manufacture of tin plate and similar material used in making tin cans, in a study of the effect thereof on foods, in connection with the enforcement of the food and drugs act.	123.64	Do.
Do.....	do.....	Baltimore, Md. (May 18-June 5, 1915).....	To investigate the manufacture of tin cans from certain specially prepared tin plate for use in packing food products, in connection with the enforcement of the food and drugs act.	76.70	Do.
Do.....	do.....	Rochester, Fairport, and New York, N. Y. (June 13-22, 1915).....	To inspect the manufacture of tin cans from certain specially prepared tin plate and to secure information concerning analytical methods, in connection with the enforcement of the food and drugs act.	48.41	Do.
Cook, F. C.....	Physiological chemist.....	New Orleans and Baton Rouge, La. (Nov. 17-Dec. 23, 1914).....	To conduct experiments on the destruction of the fly maggot without destroying the fertilizing value of the manure, in collaboration with the Bureau of Entomology.	168.27	General expenses, Bureau of Chemistry, 1915 (agricultural investigations).
Do.....	do.....	Cincinnati, Ohio; St. Louis, Mo.; Chicago, Ill. (Apr. 6-13, 1915).....	To appear as a witness in a case reported for prosecution under the food and drugs act.	86.25	Enforcement of the food and drugs act, 1915.
Do.....	do.....	San Francisco, Los Angeles, and San Diego, Cal. (May 21-June 7, 1915).....	To visit and inspect meat and fish canneries and collect samples of canned meat and fish products, in connection with the enforcement of the food and drugs act.	86.55	Do.
Coopersmith, S.....	Bacteriologist.....	Charlottesville, Va. (Sept. 21-Oct. 6, 1914).....	To conduct an investigation in the making of scuppernon wines in connection with the enforcement of the food and drugs act.	39.10	Do.
Do.....	do.....	Baltimore, Md. (Jan. 30-Feb. 3, 1915).....	To inspect the sausage industry and inspect factories in connection with the enforcement of the food and drugs act.	14.70	Do.
Donk, M. G.....	Scientific assistant.....	Moscow, Idaho (Apr. 5-10, 1915).....	To assist in the naval-stores investigations being conducted by the Bureau of Chemistry.	102.70	Naval-stores investigations, 1915.



*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

BUREAU OF CHEMISTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Doyle, A. M.	Chemical aid.	New York, N. Y.; Newark, N. J.; Brooklyn, Buffalo, and Albany, N. Y.; Cincinnati, Ohio; Pittsburgh, Pa.; Huntington, W. Va. (Sept. 5-28, 1914).	To study trade conditions governing the production of certified food colors, raw materials, methods of purification, etc., in connection with the enforcement of the food and drugs act.	\$84.93	Enforcement of the food and drugs act, 1915.
Do.	do.	Grafton and Philippi, W. Va. (Nov. 12-14, 1914).	To appear as a witness in a case reported for prosecution under the food and drugs act.	30.57	Do.
Dunbar, P. B.	Assistant chemist.	Portland and Poland Springs, Me. (July 10-19, 1914).	To attend meetings of the joint committee on definitions and standards, and the American Association of Food, Dairy, and Drug Officials, in connection with the enforcement of the food and drugs act.	72.53	Do.
Do.	do.	Havre de Grace, Md. (Oct. 7, 1914).	To investigate the occurrence of tomato blight and securing samples of canned tomatoes for use in connection with the enforcement of the food and drugs act.	5.86	Do.
Emerson, R. L.	Assistant chief.	Poland Springs, Me. (July 10-13, 1914).	To direct, supervise, and inspect the work of the bureau and other necessary work in connection with the enforcement of the food and drugs act.	37.38	Do.
Do.	do.	New York, N. Y. (Mar. 3-5, 1915).	do.	22.32	Do.
Do.	do.	New York, N. Y. (June 17, 1915).	do.	16.97	Do.
Feldbaum, J.	Junior chemist.	Chicago, Ill. (Apr. 15-16, 1915).	To be permanently assigned to Chicago, Ill.	26.75	Do.
Gibbs, H. D.	Assistant chief, eastern inspection district.	Atlanta, Savannah, Ga. (Aug. 6-13, 1914).	To study methods, conduct investigations, and assist in the food and drug inspection work in connection with the food and drugs act.	78.25	Do.
Do.	do.	Philadelphia, Pa.; New York, N. Y.; Boston, Mass.; Buffalo, N. Y. (Aug. 31-Sept. 5, 1914).	do.	61.23	Do.
Do.	do.	New York, N. Y. (Jan. 20-23, 1915).	do.	27.90	Do.
Do.	do.	Baltimore, Md. (Feb. 26, 1915).	do.	3.00	Do.
Do.	do.	New York, N. Y. (Mar. 22-23, 1915).	do.	23.35	Do.
Do.	do.	Buffalo, N. Y. (June 10-13, 1915).	do.	35.87	Do.
Gilbert, W. W.	Laboratory helper.	Charlottesville, Va. (July 5-6, 1914).	To appear as a witness in a case reported for prosecution under the food and drugs act.	11.53	Do.
Goodrich, C. E.	Assistant chemist.	Baltimore, Md. (Jan. 12-23, 1915).	To conduct an examination of oat samples in connection with the enforcement of the food and drugs act.	39.65	Do.
Do.	do.	Baltimore, Md. (Mar. 15, 1915).	To appear as a witness in a case reported for prosecution under the food and drugs act.	2.95	Do.

Gordon, W. O.....	Junior chemist.....	Cincinnati, Ohio; Louisville, Owensboro, Ky. (May 24-June 5, 1915).....	To attend the convention of the Fraternity of Operative Millers of America, and to inspect an experimental mill in actual operation.	72.50	General expenses, Bureau of Chemistry, 1915 (agricultural investigations). Do.
Gore, H. C.....	Chemist in charge, fruit and vegetable utilization laboratory.	Hood River, Portland; Oreg.; Salt Lake City, Utah; Spokane, Wash.; Chicago, Ill. (Oct. 1-Dec. 6, 1914).....	To conduct investigations on the preparation of freezing concentrated cider and cider sirup and in the study of other phases of the utilization of surplus fruits and vegetables; and while at Spokane, Wash., to attend a fruit products congress.	370.40	
Do.....	do.....	Martinsburg, W. Va. (May 1, 1915).....	To determine the practicability of making experiments in the utilization of apple juice.	3.24	Do.
Do.....	do.....	Onley, Va. (May 21-23, 1915).....	To investigate the practicability of the utilization of surplus strawberries and the preparation and preservation of the juice therefrom.	18.43	Do.
Do.....	do.....	Indianapolis, Seymour, Ind. (June 16-20, 1915).....	To determine the feasibility of preparing apple juice concentrated by freezing, in connection with chemical investigations.	58.81	Do.
Goss, B. C.....	Junior chemist.....	New York, N. Y. (July 2-9, 1914).....	To investigate the canning of foods, in connection with the enforcement of the food and drugs act.	59.80	Enforcement of the food and drugs act, 1915.
Do.....	do.....	Baltimore, Md.; New York, Schenectady, Rochester, Mount Morris, Syracuse, N. Y. (July 22-Aug. 1, 1914).....	do.....	73.10	Do.
Grab, E. G.....	Assistant chemist.....	Pittsburgh, Pa. (Aug. 3-6, 1914).....	To assist in the analysis of samples at that laboratory, in connection with the enforcement of the food and drugs act.	31.98	Do.
Do.....	do.....	Philadelphia, Pa. (July 1-24, 1914).....	To appear as a witness in a case reported for prosecution under the food and drugs act.	70.10	Do.
Greathouse, R. C.....	Scientific assistant.....	St. Louis, Mo. (Apr. 6-10, 1915).....	To assist in the investigation of the grading, weighing, and handling of naval stores and preparation of definite type samples thereof.	69.15	Do.
Grottsch, V. E.....	Junior chemist.....	Savannah, Ga. (Mar. 30-31, 1915).....	To visit confectionery factories and investigate the manufacture of confections, in connection with the enforcement of the food and drugs act.	28.95	Naval stores investigations, 1915.
Harding, T. S.....	Assistant chemist.....	New York, N. Y. (May 16-23, 1915).....	To conduct net-weight investigations in connection with the enforcement of the food and drugs act, and to be permanently assigned to Chicago, Ill.	33.22	Enforcement of the food and drugs act, 1915.
Hillyer, W. E.....	Scientific assistant.....	Buffalo, N. Y.; Detroit, Mich. (July 10-22, 1914).....	To be permanently assigned to San Francisco, Cal., by transfer from Washington, D. C.	25.33	Do.
Hollingshead, R. S.....	Junior chemist.....	San Francisco, Cal. (Sept. 19-23, 1914).....	To assist in the investigation relative to the preparation and canning of sardines.	109.70	Do.
Houghton, H. W.....	Assistant chemist.....	Eastport, Machiasport, Machias, Me.; Boston, Mass. (July 1-Dec. 1, 1914).....	To secure data in an investigation of the practice of sanding poultry, in connection with the enforcement of the food and drugs act.	317.65	General expenses, Bureau of Chemistry, 1915 (fish investigations).
Do.....	do.....	Tiffin, Ohio; Chicago, Ill.; Crete, Grand Island, Nebr. (Apr. 5-June 30, 1915).....	To appear as a witness in a case reported for prosecution under the food and drugs act.	175.21	Enforcement of the food and drugs act, 1915.
Howard, B. J.....	Microscopist in charge of the microchemical laboratory.	Charlottesville Va. (July 5-6, 1914).....		10.40	Do.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

BUREAU OF CHEMISTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Howard, B. J.	Microscopist in charge of the micro-chem- ical laboratory.	Nabb, Lexington, Ind.; Cincinnati, Ohio (Sept. 15-Oct. 2, 1914).	To conduct investigations in the manufacture of certain tomato products.	\$83.50	Enforcement of the food and drugs act, 1915.
Do.	do.	Havre de Grace, Md.; Philadelphia, Pa.; Quinton, N. J. (Oct. 7-16, 1914).	do.	26.56	Do.
Do.	do.	Wilmington, Del. (Jan. 27-28, 1915).	do.	9.46	Do.
Huckle, C.	Assistant chemist.	Philadelphia, Pa. (Apr. 4-6, 1915).	To attend a meeting of the Tri-State Cannery Association.	16.55	Do.
Hudson, C. S.	Chemist in charge, carbohydrate labo- ratory.	New York, N. Y. (July 7-18, 1914).	To appear as a witness in a case reported for prosecution under the food and drugs act. To make investigations of the practices in con- nection with the manufacture of sirups and confectionery, etc., in connection with the enforcement of the food and drugs act.	64.35	Do.
Do.	do.	New York, N. Y.; Newark, N. J. (Aug. 10- 17, 1914).	do.	52.15	Do.
Do.	do.	New York, N. Y.; Newark, N. J. (Aug. 30- Sept. 3, 1914).	do.	29.05	Do.
Do.	do.	New York, N. Y.; Newark, N. J.; Phila- delphia, Pa. (Oct. 8-14, 1914).	do.	25.37	Do.
Do.	do.	New York, N. Y.; Newark, N. J.; (Oct. 30-Nov. 2, 1914).	do.	25.26	Do.
Do.	do.	New York, N. Y. (Dec. 4-7, 1914).	do.	24.15	Do.
Do.	do.	New York, N. Y.; Philadelphia, Pa. (Dec. 27, 1914-Jan. 3, 1915).	do.	46.85	Do.
Do.	do.	New York, N. Y. (Jan. 15-18, 1915).	do.	24.10	Do.
Do.	do.	New York, N. Y. (Jan. 22-26, 1915).	To investigate the manufacture of cane sirup, in connection with the cooperative work of the Bureau of Plant Industry and Bureau of Chemistry on table-sirup investigations.	28.40	General expenses, Bureau of Plant Industry, 1915 (table sirup).
Do.	do.	New Orleans, La.; Mobile, Greenville, Ala. (Mar. 29-Apr. 7, 1915).	To make investigations of the practices in con- nection with the manufacture of sirups and confectionery, etc., in connection with the enforcement of the food and drugs act.	91.95	Enforcement of the food and drugs act, 1915.
Do.	do.	New York, N. Y.; Newark, N. J. (Apr. 16- 20, 1915).	do.	27.29	Enforcement of the food and drugs act, 1915.
Do.	do.	New York, N. Y.; Jersey City, Newark, N. J. (May 14-20, 1915).	do.	37.63	Do.
Do.	do.	New York, N. Y.; Newark, Princeton, N. J. (May 28-June 2, 1915).	do.	25.96	Do.
Do.	do.	Jersey City, N. J. (June 18-23, 1915).	do.	17.60	Do.
Ingle, M. J.	Assistant chemist.	Charlottesville, Va.; Enfield, N. C. (Sept. 19-Oct. 6, 1914).	To conduct an investigation in the making of scuppernon wines in connection with the enforcement of the food and drugs act.	64.85	Do.



Do.....	do.....	Philippi, W. Va. (Nov. 12-14, 1914).....	To appear as a witness in a case reported for prosecution under the food and drugs act.	29.82	Do.
Do.....	do.....	St. Louis, Mo. (Nov. 22-26, 1914).....	To study methods of preparing proteins and for investigating certain apparatus necessary in connection with the biological investigations of the Bureau.	68.10	Do.
Johns, C. O.....	Organic chemist.....	New Haven, Conn. (Mar. 25-Apr. 17, 1915).....	To consult the representative of the Bureau at that point relative to his work, in connection with the enforcement of the food and drugs act.	82.64	General expenses, Bureau of Chemistry, 1915 (biological investigations).
Do.....	do.....	Stonehenge, Va. (June 23, 1915).....	To report Standards committee meeting and do stenographic work in connection with the enforcement of the food and drugs act.	6.10	Enforcement of the food and drugs act, 1915.
Johnston, M. J.....	Clerk.....	Boston, Mass.; Poland Springs, Me. (July 9-19, 1914).....	To perform inspection work, conduct investigations, confer with witnesses, secure information and data and other work in connection with the enforcement of the food and drugs act.	46.84	Do.
Kebler, L. F.....	Chief, division of drugs.....	Portland, Me. (July 12-19, 1914).....	To consult witnesses to appear in cases arising under the food and drugs act.	64.50	Do.
Do.....	do.....	Philadelphia, Pa. (Sept. 20-22, 1914).....	To confer with the United States district attorney, as per his request relative to a case under the food and drugs act, and interviewing witnesses to be used in connection with the enforcement of the food and drugs act.	19.05	Do.
Do.....	do.....	Philadelphia, Pa. (Oct. 8-9, 1914).....	To appear as a witness in a case reported for prosecution under the food and drugs act.	14.08	Do.
Do.....	do.....	New York, N. Y. (Feb. 13-15, 1915).....	To study the effect of certain drugs on tubercular patients in connection with the enforcement of the food and drugs act.	27.65	Do.
Do.....	do.....	Washington Grove, Md. (Apr. 3-5, June 5-6, 12-13, and 18-19, 1915).....	To attend a meeting of the Maryland State Pharmaceutical Association in connection with the enforcement of the food and drugs act.	12.71	Do.
Do.....	do.....	Braddock Heights, Md. (June 23-24-25, 1915).....	To inspect equipment for pressing potatoes.....	12.04	Do.
Kent, R. H.....	Junior engineer.....	Boston, Mass. (Aug. 18-20, 1914).....	To prepare plans for the installation of temporary equipment for treating cider in connection with investigations relative to the utilization of fruit and vegetable by-products.	35.35	General expenses, Bureau of Chemistry, 1915 (agricultural investigations).
Do.....	do.....	Martinsburg, W. Va. (May 7, 1915).....	To investigate certain machinery and equipment necessary for use in the concentrating of fruit juices by freezing in connection with certain chemical investigations being conducted by the Bureau.	5.63	Do.
Do.....	do.....	Wilmington, Del. (June 28, 1915).....	To be permanently assigned to San Francisco, Cal.	6.90	Do.
Koon, A. F.....	Clerk.....	San Francisco, Cal. (April 13-17, 1915).....	To be permanently assigned to Chicago, Ill.....	110.15	Enforcement of the food and drugs act, 1915.
LaGrange, E. R.....	do.....	Chicago, Ill. (May 30-31, 1915).....		26.95	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

## BUREAU OF CHEMISTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
LeClerc, J. A.....	Chemist in charge, plant chemical laboratory.	Chicago, Ill.; Milwaukee, Wis.; Mandan, N. Dak.; Minneapolis, Minn.; Fargo, N. Dak.; Portland, Oreg.; Spokane, Wash.; Moscow, Idaho; Aberdeen, Wash.; San Francisco, Sacramento, Biggs, Cal.; Seattle, Wash.; Toronto, Canada; Guelph, Canada; Davis, Cal. (Aug. 3-Sept. 27, 1914).	To direct, supervise, and inspect experimental work now being carried on in collaboration with the Bureau of Plant Industry of this department, inspect the manufacture of cereal products, consult with officials of export stations, manufacturers and others interested in the chemistry of plants and their products.	\$523.06	General expenses, Bureau of Chemistry, 1915 (agricultural investigations).
Do.....	do.....	La Junta, Colo.; Riverside, Los Angeles, San Francisco, Stockton, Davis, Sacramento, Checo, Biggs, San Diego, Cal.; Portland, Oreg.; Centralia, Aberdeen, Seattle, Wash.; Minneapolis, Minn.; Chicago, Ill.; Battle Creek, Mich.; Toronto, Canada; Buffalo, Geneva, New York, N. Y. (Apr. 24-June 30, 1915).	To inspect flour mills, bakeries, macaroni factories, manufacturers of cereals and other plant products and to consult officials of export stations, manufacturers and others interested in the studies of the chemical properties and food values of the various plants, cereals, etc., grown under various conditions and in various climates, and while in California to attend a cereal conference.	217.09	Do.
Linton, F. B.....	Chief clerk.....	Pittsburg, Pa., Chicago, Ill. (Oct. 24-30, 1914).	To make administrative examinations of the financial, property and other records of the laboratories of the Bureau of Chemistry and supervise and direct the keeping of the same.	64.25	Enforcement of the food and drugs act, 1915.
Do.....	do.....	New York, N. Y. (May 25-28, 1915)	.....do.....	22.45	Do.
Loomis, H. M.....	Chemist in charge, food control laboratory.	Portland, Me. (July 12-19, 1914).....	To attend a meeting of the American Association of Food, Dairy, and Drug Officials, in connection with the enforcement of the food and drugs act.	57.38	Do.
Do.....	do.....	Havre de Grace, Md. (Oct. 7, 1914).....	To investigate the occurrence of tomato blight and securing samples of canned tomatoes for use in connection with the enforcement of the food and drugs act.	7.05	Do.
Do.....	do.....	New York, N. Y. (Oct. 15-27, 1914).....	To investigate the coffee question with particular reference to the grading and coating of coffee, and to confer with officials of the bureau in connection with the enforcement of the food and drugs act.	69.25	Do.
Do.....	do.....	Baltimore, Md. (Feb. 26-27, 1915).....	To look into the question of the coating and grading of coffees and to make an inspection of some of the oyster canneries in Baltimore and vicinity in connection with the enforcement of the food and drugs act.	7.20	Do.

McGee, W. J.	Chemist in charge, Washington labora- tory.	Buffalo, N. Y. (July 1-10, 1914).....	To supervise the work of the Buffalo labora- tory in connection with the enforcement of the food and drugs act.	38. 98	Do.
Do.	do.	Savannah, Atlanta, Ga. (July 28-31, 1914).. ..	To perform inspection work, study methods and conduct investigations in connection with the enforcement of the food and drugs act.	61. 60	Do.
Do.	do.	Wilmington, N. C.; Charleston, S. C.; Sa- vannah, Ga. (Jan. 18-20, 1915).	To make inspections of imported foods and drugs and to be permanently assigned to Savannah, Ga.	28. 15	Do.
Mell, C. D.	Assistant.	Philadelphia, Pa.; New York, N. Y. (Mar. 1-3, 1915).	To study methods at the Philadelphia lab- oratory and to be permanently assigned to New York, N. Y.	17. 45	Do.
Merrill, E. C.	Assistant chemist.	Philadelphia, Pa.; New York, N. Y. (Oct. 26-27, 1914).	To study the system of inspection as regards imported drugs at those points.	8. 00	Do.
Do.	do.	Greenville, S. C. (Apr. 24-28, 1915).....	To appear as a witness in a case reported for prosecution under the food and drugs act.	44. 25	Do.
Merrill, T. C.	Medical assistant.	Boston, Mass. (Nov. 10-21, 1914).....	To attend the annual meeting of the American Association for the Study of Infant Mortality in connection with the enforcement of the food and drugs act.	46. 65	Do.
Do.	do.	New York, N. Y. (Feb. 16-18, 1915).....	To deliver an address at the invitation of the public health committee of the Medical Society of the County of New York, relative to matters pertaining to the enforcement of the food and drugs act.	19. 30	Do.
Do.	do.	Philadelphia, Pa. (Mar. 12-13, 1915).....	To appear as a witness in a case reported for prosecution under the food and drugs act.	12. 15	Do.
Do.	do.	Philadelphia, Pa. (Mar. 27-27, 1915)	do.	21. 35	Do.
Do.	do.	Philadelphia, Pa. (Apr. 4-10, 1915)	do.	38. 15	Do.
Moore, C. C.	Assistant chemist.	Crookston, Minn.; Seattle, Wash.; Port- land, Oreg.; San Francisco and Los An- geles, Cal.; Omaha, Nebr.; Cincinnati, Ohio (July-Aug., 1914).	To investigate potatoes as to their chemical composition with reference to their adapta- bility for uses in drying for food and other purposes in the manufacture of starch, glucose, and other products and the uses of said manu- factured products.	414. 91	General expenses, Bureau of Chemistry, 1915 (agri- cultural investigations).
Morgan, F. P.	Medico-chemical ana- lyst.	Columbia, S. C. (Jan. 24-29, 1915).....	To appear as a witness in a case reported for prosecution under the food and drugs act.	48. 30	Enforcement of the food and drugs acts, 1915.
Do.	do.	New York, Saranac Lake, Utica, N. Y. (Mar. 17-21, 1915).	To interview physicians relative to a number of cases pending in connection with the en- forcement of the food and drugs act.	48. 90	Do.
Do.	do.	Greenville, S. C. (Apr. 24-28, 1915).....	To appear as a witness in a case reported for prosecution under the food and drugs act.	45. 25	Do.
Do.	do.	Indianapolis, Ind. (May 3-6, 1915)	do.	54. 66	Do.
Do.	do.	St. Louis, Mo. (May 15-21, 1915)	do.	77. 30	Do.
Do.	do.	Charleston, S. C. (June 3-5, 1915)	do.	34. 45	Do.
Do.	do.	Philadelphia, Pa. (June 22-23, 1915)	do.	13. 40	Do.
Morrison, W. L.	Laboratory helper.	Baltimore, Md. (2 trips) (Nov. 11-18, 1914).	To do photographic work, the pictures pro- cured to be used in connection with the en- forcement of the food and drugs act.	5. 15	Do.
Do.	do.	Baltimore, Md. (Jan. 11, 1915)	do.	2. 75	Do.
Nelson, E. K.	Chief, essential oil lab- oratory.	St. Louis, Mo. (May 26-28, 1915).....	To appear as a witness in a case reported for prosecution under the food and drugs act.	73. 45	Do.



*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

## BUREAU OF CHEMISTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Obst, M. M.	Bacteriological chemist.	Richmond, Va. (Oct. 19-22, 1914).	To attend the convention of National Bakers in connection with the discussion of the question of wrapped bread, in connection with the enforcement of the food and drugs act.	\$15.85	Enforcement of the food and drugs act, 1915.
Do.	do.	St. Louis, Mo. (Apr. 6-10, 1915).	To appear as a witness in a case reported for prosecution under the food and drugs act.	70.15	Do.
Palne, H. S.	Assistant chemist.	New Orleans, La.; San Antonio and El Paso, Tex.; San Francisco, San Jose, Fresno, Tracy, and Los Angeles, Cal.; Williams and Grand Canyon, Ariz.; Howe, Okla.; Fort Smith, Bentonville, Rogers, and Mansfield, Ark.; Memphis, Tenn.; Louisville, Ky.; Cincinnati, Ohio (Jan. 6-Mar. 16, 1915).	To secure preliminary information relative to cordials and also to study other manufacturing aspects in connection with the enforcement of the food and drugs act.	396.50	Do.
Palkin, S.	do.	Columbia, S. C. (Jan. 24-26, 1915).	To appear as a witness in a case reported for prosecution under the food and drugs act.	48.30	Do.
Do.	do.	New York, N. Y. (Feb. 12-13, 1915).	do.	26.20	Do.
Do.	do.	Charleston, S. C. (June 3-5, 1915).	do.	34.45	Do.
Parkinson, N. A.	Clerk.	Baltimore, Md. (Apr. 29, 1915).	To consult regarding work relative to the development of methods of analysis in connection with the enforcement of the food and drugs act.	3.20	Do.
Do.	do.	Baltimore, Md. (May 19, 1915).	do.	3.50	Do.
Do.	do.	Baltimore, Md. (June 22, 1915).	To investigate the modes of packing and marking of imported cheeses in connection with the enforcement of the food and drugs act.	1.55	Do.
Patrick, G. E.	Chemist in charge, dairy laboratory.	Baltimore, Md. (Oct. 2, 1914).	To attending meetings of the State dairy officials to discuss matters of importance arising in connection with the enforcement of the food and drugs act.	2.20	Do.
Do.	do.	Chicago, Ill. (Oct. 24-31, 1914).	To attend the meeting of the joint committee on definitions and standards and the convention of the State, Food and Drug Commissioners for work in connection with the enforcement of the food and drugs act.	69.00	Do.
Phelps, I. K.	Chemist in charge, organic investigation laboratory.	Baltimore, Md. (July 1, 1914).	To visit various United States attorneys with a representative of the Solicitor's office concerning the food an drug cases now pending in connection with the enforcement of the food and drugs act.	1.27	Do.
Do.	do.	Portland, Me. (July 10-19, 1914).	To attend the meeting of the joint committee on definitions and standards and the convention of the State, Food and Drug Commissioners for work in connection with the enforcement of the food and drugs act.	73.13	Do.

Do.....	Do.....	Wilmington, Del.; Charleston and Huntington, W. Va.; Cincinnati, Ohio; Covington and Louisville, Ky.; Indianapolis, Ind.; Richmond, Va.; St. Louis, Mo.; Danville, Springfield, and Peoria, Ill.; Ottumwa, Waterloo, Davenport, and New Hampton, Iowa; Omaha, Nebr.; St. Paul, Minn.; Milwaukee, Wis.; Chicago, Ill.; Pittsburg, Pa. (July 22-Sept. 13, 1914).	To visit various United States attorneys with a representative of the Solicitor's office concerning the food and drug cases now pending in connection with the enforcement of the food and drugs act.	252.05	Do.
Do.....	Do.....	Chicago, Ill.; Milwaukee, Wis.; St. Louis and Kansas City, Mo.; Denver, Colo.; Salt Lake City, Utah; San Francisco and Los Angeles, Cal. (Oct. 1-31, 1914).	do.....	313.00	Do.
Do.....	Do.....	Philadelphia, Pa. (Nov. 24-25, 1914).	To interview prospective witnesses in connection with cases arising under the food and drugs act.	12.90	Do.
Do.....	Do.....	New Haven, Conn.; New York, N. Y.; Philadelphia, Pa. (Feb. 9-12, 1915).	do.....	32.29	Do.
Do.....	Do.....	Chicago, Ill.; Pittsburg, Pa. (Mar. 2-6, 1915).	do.....	75.38	Do.
Do.....	Do.....	New York, N. Y. (Mar. 10-11, 1915).	To attend the meeting of the American Chemical Society and to interview prospective witnesses in connection with cases arising under the food and drugs act.	18.00	Do.
Do.....	Do.....	New Orleans, La. (Mar. 23-Apr. 7, 1915).	do.....	90.90	Do.
Do.....	Do.....	Chicago, Ill.; Toledo, Ohio; Pittsburg, Pa. (May 2-8, 1915).	To interview prospective witnesses in connection with cases arising under the food and drugs act.	71.46	Do.
Do.....	Do.....	Richmond and Petersburg, Va.; Augusta, Canak, Macon, and Atlanta, Ga.; Chattanooga, Knoxville, Nashville, and Memphis, Tenn. (May 23-31, 1915).	do.....	109.68	Do.
Do.....	Do.....	Chicago, Ill.; Pittsburg, Pa. (June 6-12, 1915).	do.....	69.55	Do.
Do.....	Do.....	New York, N. Y.; Boston, Mass.; Albany, N. Y. (June 16-23, 1915).	do.....	60.29	Do.
Proctor, M. F.	Clerk.....	Seattle, Wash. (Mar. 31-Apr. 4, 1915).	To be permanently assigned to Seattle, Wash., by transfer from Washington, D. C.	110.60	Do.
Rascher, C.	Junior chemist (organic).	Buffalo, N. Y. (Feb. 14-15, 1915).	To be permanently assigned to Buffalo, N. Y., by transfer from Washington, D. C.	16.18	Do.
Read, E. A.	Micro-analyst.....	Buffalo and Canandaigua, N. Y. (Aug. 25-Sept. 13, 1914).	To examine egg samples delivered to the Buffalo laboratory and to appear as a witness in a case reported for prosecution under the food and drugs act.	105.49	Do.
Do.....	Do.....	Pittsburg, Pa.; Wheeling, W. Va. (May 3-7, 1915).	To appear as a witness in a case reported for prosecution under the food and drugs act.	38.15	Do.
Riley, J. G.	Assistant chemist.....	Boston, Mass. (Aug. 5-6, 1914).	To be permanently assigned to Boston, Mass., by transfer from Washington, D. C.	16.80	Do.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

BUREAU OF CHEMISTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Rogers, J. S.....	Assistant chemist.....	Gloversville, Albany, and Fonda, N. Y. (Sept. 30–Oct. 7, 1914).	To conduct investigations and secure information relative to the denaturing of eggs to prevent their use as foods, in connection with the enforcement of the food and drugs act.	\$53.16	Enforcement of the food and drugs act, 1915.
Do.....	do.....	Chicago, Ill. (Oct. 27–Nov. 1, 1914).....	To attend a meeting of the American Leather Chemists' Association, and the National Association of Tanners, to secure information on methods of tanning and making leather, and of preparing tanning materials.	65.00	General expenses, Bureau of Chemistry, 1915 (agricultural investigations).
Do.....	do.....	New York, Albany, Fonda, and Gloversville, N. Y.; Boston, Peabody, and Salem, Mass.; Philadelphia, Pa. (Apr. 5–May 20, 1915).	To conduct investigations and secure information regarding the denaturing of eggs to prevent their use as foods, in connection with the enforcement of the food and drugs act.	157.23	Enforcement of the food and drugs act, 1915.
Do.....	do.....	Atlantic City, N. J. (May 27–29, 1915).....	To attend the meeting of the American Leather Chemists' Association.	19.98	General expenses, Bureau of Chemistry, 1915 (agricultural investigations).
Ross, S. H.....	Administrative assistant.	Chicago, Ill. (Apr. 2–6, 1915).....	To conduct an investigation in regard to meat and meat-food products in connection with the enforcement of the food and drugs act.	61.65	Enforcement of the food and drugs act, 1915.
Round, L. A.....	Bacteriologist.....	South Norwalk, Conn. (Sept. 24–Oct. 11, 1914).	To conduct bacteriological examinations of food and drug samples in connection with the enforcement of the food and drugs act.	99.09	Do.
Do.....	do.....	South Norwalk and Bridgeport, Conn.; Buffalo, New York, N. Y. (Oct. 11–31, 1914).	To assist in the investigations regarding the handling of oysters and other shellfish.	62.70	General expenses, Bureau of Chemistry, 1915 (oyster and other shellfish investigations).
Do.....	do.....	South Norwalk, Conn.; Providence, R. I.; New York, N. Y. (Nov. 1–30, 1914).	do.....	53.20	Do.
Do.....	do.....	New York, N. Y.; South Norwalk, Bridgeport, and New Haven, Conn. (Dec. 5, 1914–Jan. 4, 1915).	do.....	29.55	Do.
Do.....	do.....	New York, N. Y.; Philadelphia, Pa. (May 1–11, 1915).	To investigate and perfect methods on direct bacteriological examination of milk for the purpose of determining the advisability of using these methods in routing work in connection with the enforcement of the food and drugs act.	51.15	Enforcement of the food and drugs act, 1915.
Salant, W.....	Pharmacologist in charge, pharmacological laboratory.	New York, N. Y.; New Haven, Conn.; Philadelphia, Pa. (May 5–10, 1915).	To perform pharmacological work in connection with the enforcement of the food and drugs act.	33.91	Do.



Do.....	Newark, N. J. (June 3-6, 1915).....	To appear as a witness in a case reported for prosecution under the insecticide act.	19.96	Enforcement of the insecticide act, 1915.
Junior chemist (food).....	Savannah, Ga. (Sept. 27-Oct. 28, 1914).....	To assist in the work of the Savannah laboratory, relative to the analyses of samples in connection with the enforcement of the food and drugs act.	98.50	Enforcement of the food and drugs act, 1915.
Assistant chemist.....	New York, N. Y. (Nov. 4-9, 1914).....	To select properly matched glasses to be used in the preparation of permanent type samples for rosin grading.	38.75	Naval stores investigations, 1915.
Do.....	New York, N. Y.; Philadelphia, Pa. (Feb. 14-16, 1915).	To select glass suitable for preparing rosin standards for use in an investigation of the grading, weighing, and handling of naval stores and the preparation of definite type samples thereof.	25.00	Do.
Do.....	New York, N. Y. (June 7-11, 1915).....	To investigate the grading and handling of naval stores.	34.27	Do.
Sherwood, S. F.....	Randolph, Woodstock, Morrisville, and Burlington, Vt.; Springfield, Mass. (Aug. 5-15, 1914).	To study methods of producing, handling, and packing maple and cane sirups, also for studying the chemical composition and variations in the chemical composition of the same in connection with the enforcement of the food and drugs act.	81.60	Enforcement of the food and drugs act, 1915.
Do.....	Trenton, N. J. (Sept. 23-30, 1914).....	To appear as a witness in a case reported for prosecution under the food and drugs act.	13.50	Do.
Do.....	Greenup, Kant, Ky. (Sept. 30-Oct. 9, 1914).	To prepare samples of sorghum sirup under varying conditions and for studying the chemical composition and variations in sorghum products in connection with the enforcement of the food and drugs act.	69.85	Do.
Do.....	Newark, N. J. (Nov. 3-4, 1914).....	To appear as a witness in a case reported for prosecution under the food and drugs act.	17.40	Do.
Do.....	Newark, N. J. (Dec. 15-16, 1914).	do.....	19.66	Do.
Do.....	Montpelier, Vt. (Jan. 17-21, 1915).	To attend the convention of the Vermont Maple Sugar Makers' Association in connection with the enforcement of the food and drugs act.	49.83	Do.
Do.....	Chardon, Huntsburg, Middlefield, and Youngstown, Ohio (Mar. 14-19, 1915).	To study methods of producing, handling and packing maple and cane sirups, also to study the chemical composition and variations in the chemical composition of the same in connection with the enforcement of the food and drugs act.	48.12	Do.
Do.....	New York and Albany, N. Y.; Randolph, Bethel, Rochester, White River, Junction, Newbury, Wells River, Marshfield, and Newport, Vt. (Mar. 28-Apr. 8, 1915).	do.....	96.35	Do.
Do.....	Boston, Cambridge, and Springfield, Mass.; Utica, New York, and Brooklyn, N. Y. (June 16-26, 1915).	do.....	77.94	Do.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

## BUREAU OF CHEMISTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Silberberg, B. H.....	Microanalyst .....	Charlotte, Raleigh, and Elizabeth City, N. C.; Norfolk, Va. (Nov. 4-7, 1914).	To inspect factories manufacturing cottonseed meal, in connection with the enforcement of the food and drugs act.	\$28. 90	Enforcement of the food and drugs act, 1915.
Do.....	do.....	Chicago, Ill. (May 27-June 17, 1915).....	To make a study of pepper shells in ground pepper in collaboration with the Central food and drug inspection district in connection with the enforcement of the food and drugs act.	123. 00	Do.
Skinner, W. W.....	Chief, water laboratory and assistant chief, miscellaneous division.	Terre Haute, Ind.; Hoopes-ton, Milford, and Eureka, Ill. (Aug. 20-29, 1914).	To investigate the canning industry and conduct studies of the preparation of foods for canning in connection with the enforcement of the food and drugs act.	126. 26	Do.
Do.....	do.....	New York, N. Y.; Boston, Mass. (Oct. 5-8, 1914).	To consult experts and arrange testimony in a case arising under the food and drugs act.	39. 80	Do.
Do.....	do.....	New York, N. Y.; Boston, Mass. (Oct. 12-20, 1914).	To appear as a witness in a case reported for prosecution under the food and drugs act.	61. 50	Do.
Do.....	Chemist in charge, water laboratory.	New York, N. Y. (Feb. 7-10, 1915).....	To attend the annual convention of the National Canners' Association.	11. 00	Do.
Do.....	do.....	Philadelphia, Pa. (Mar. 26-27, 1915).....	To attend court and confer with the United States attorney relative to a case reported for prosecution under the food and drugs act.	13. 50	Do.
Do.....	do.....	Philadelphia, Pa. (Apr. 4-7, 1915).....	do.....	21. 45	Do.
Do.....	do.....	Staunton, Va. (June 11-12, 1915).....	To investigate springs in connection with the enforcement of the food and drugs act.	13. 55	Do.
Smith, E. E.....	Junior chemist (advanced inorganic chemistry).	New Haven and South Norwalk, Conn.; New York, N. Y. (Sept. 13-30, 1914).	To conduct a chemical analysis of oyster samples.	45. 85	General expenses, Bureau of Chemistry, 1915 (oyster and other shellfish investigations).
Do.....	do.....	South Norwalk, Conn. (Oct. 1, 1914).	do.....	26. 50	Do.
Do.....	do.....	South Norwalk, New Haven, Conn. (Oct. 29-Dec. 9, 1914).	do.....	21. 50	Do.
Do.....	do.....	South Norwalk, New Haven, Conn. (Dec. 17, 1914-Jan. 31, 1915).	do.....	12. 73	Do.
Do.....	do.....	South Norwalk, New Haven, Conn. (Feb. 3-Mar. 22, 1915).	do.....	36. 70	Do.
Do.....	do.....	New York, Albany, Granville, N. Y.; Rutland, Burlington, Champlain, Vt.; St. Regis, Ogdensburg, Watertown, Dexter, N. Y. (Apr. 25-May 31, 1915).	To assist in the net weight investigations in connection with the enforcement of the food and drugs act.	205. 64	Enforcement of the food and drugs act, 1915.
Do.....	do.....	Watertown, Utica, N. Y. (June 1-30, 1915).	do.....	171. 92	Do.

Smith, H. R.	Assistant chemist.	Baltimore, Md. (May 18, 1915)	To make inspections of imported food and drug products at the United States appraiser's stores in connection with the enforcement of the food and drugs act.	2.90	Do.
Speh, C. F.	do.	Bay St. Louis, Trenton, Miss.; New Orleans, La.; Wilmington, N. C. (Sept. 1-30, 1914).	To investigate the grading, weighing, and handling of naval stores and the preparation of definite type samples thereof, and while at Wilmington to pack and ship bureau property.	173.59	Naval stores investigations, 1915.
Do.	do.	New York, N. Y. (Nov. 5-10, 1914).	To investigate the weighing and grading of rosin and turpentine.	38.65	Do.
Do.	do.	Savannah, Ga. (Mar. 30-31, 1915).	To investigate the grading, weighing, and handling of naval stores and preparation of definite samples thereof.	29.30	Do.
Stephenson, C. H.	Scientific assistant.	Charlottesville, Va. (July 6-7, 1914)	To appear as a witness in a case reported for prosecution under the food and drugs act.	11.52	Enforcement of the food and drugs act, 1915.
Do.	do.	Watertown, N. Y. (Aug. 16-19, 1914)	do.	35.06	Do.
Do.	do.	Baltimore, Md. (Sept. 15-20, 1914).	To conduct investigations in the manufacture of certain tomato products in connection with the enforcement of the food and drugs act.	38.09	Do.
Do.	do.	Philadelphia, Pa. (Oct. 6-31, 1914)	do.	40.85	Do.
Straughn, M. N.	do.	Front Royal, Va. (July 2-Sept. 28, 1914)	To investigate the manufacture of jellies, jams, marmalades, etc., in connection with the enforcement of the food and drugs act.	13.95	Do.
Do.	do.	Baltimore, Md.; Front Royal, Va. (Oct. 9-19, 1914).	do.	39.10	Do.
Do.	do.	Baltimore, Md. (Oct. 23-24, 1914)	do.	10.50	Do.
Do.	do.	New York, Canajoharie, Rochester, N. Y. (Nov. 18-26, 1914).	do.	56.91	Do.
Do.	do.	Baltimore, Md. (Dec. 18-19, 1914)	do.	8.15	Do.
Do.	do.	Baltimore, Md. (Feb. 5-6, 1915)	do.	8.70	Do.
Do.	do.	Tallahassee, Fla. (Feb. 13-22, 1915)	To attend a meeting of the Canning Club School of the Florida State College for Women.	91.35	Do.
Do.	do.	Canajoharie, Watertown, N. Y. (Feb. 25-Mar. 4, 1915).	To investigate the manufacture of jellies, jams, marmalades, etc., in connection with the enforcement of the food and drugs act.	59.97	Do.
Do.	do.	Baltimore, Md. (Mar. 9, 1915)	do.	2.40	Do.
Do.	do.	Rock Hill, N. C. (Mar. 9-13, 1915)	To deliver an address before the agents' meeting at Winthrop College.	41.20	Do.
Do.	do.	Tallahassee, Jacksonville, Kissimmee, Lakeland, Miami, Fla.; Petersburg, Blacksburg, Va.; Knoxville, Tenn. (Apr. 17-May 15, 1915).	To investigate the manufacture of jellies, jams, marmalades, etc., in connection with the enforcement of the food and drugs act, and to attend the annual meeting of the Virginia Canning Club Agents at Blacksburg, and the County Agents' Meeting of the State of Tennessee at Knoxville.	251.83	Do.
Do.	do.	Baltimore, Md. (May 20-21, 1915)	To investigate the manufacture of jellies, jams, marmalades, etc., in connection with the enforcement of the food and drugs act.	6.05	Do.



*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

## BUREAU OF CHEMISTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Straughn, M. N. ....	Scientific assistant. ....	Crystal Springs, Miss.; Greensboro, N. C. (May 23-June 4, 1915).	To attend meetings of county agents engaged in the home demonstration work, and girls' canning clubs, and give instructions in canning and preserving fruit and special products in connection with farmer's demonstration work.	\$99.95	General expenses, Bureau of Plant Industry, 1915 (farmers' cooperative demonstration work).
Do. ....	do. ....	Baltimore, Md.; Front Royal, Va. (June 22-27, 1915).	To investigate the manufacture of jellies, jams, marmalades, etc., in connection with the enforcement of the food and drugs act.	26.50	Enforcement of the food and drugs act, 1915.
Do. ....	do. ....	Front Royal, Va. (June 28-30, 1915).	do. ....	12.25	Do.
Taylor, A. E. ....	Assistant chemist. ....	New York, N. Y. (July 1-15, 1914).	To study methods of inspection and analysis of samples in connection with the enforcement of the food and drugs act.	71.50	Do.
Do. ....	do. ....	New York, N. Y. (Aug. 15-Sept. 1, 1914).	To perform inspection work, study methods, conduct investigations, and other work in connection with the enforcement of the food and drugs act.	19.55	Do.
Thom, C. ....	Mycologist in charge, microbiological laboratory. ....	Baltimore, Md.; Philadelphia, Pa.; New York, N. Y. (Apr. 14-17, 1915).	To confer with bacteriologists regarding regulatory methods in connection with the enforcement of the food and drugs act.	27.70	Do.
Veitch, F. P. ....	Chemist in charge, leather and paper laboratory. ....	Atlantic City, N. J. (July 1-3, 1914).	To attend the annual meeting of the American Society for Testing Materials, to consult the members concerning methods of analysis of lime and turpentine, especially in the interests of the farmer who produces or uses these articles.	18.12	General expenses, Bureau of Chemistry, 1915 (agricultural investigations).
Do. ....	do. ....	Hamilton, West Carrollton, Dayton, Cincinnati, Ohio (July 12-17, 1914).	To study methods of improving postal card paper, at the request of the Postmaster General.	56.67	General expenses, Bureau of Chemistry, 1915 (collaboration with other departments).
Do. ....	do. ....	Jeffersonville, Ind.; Louisville, Ky.; Chicago, Ill. (Oct. 26-31, 1914).	To secure information on methods of tanning and making leather, and of preparing tanning materials from a practical standpoint, and to attend a meeting of the American Leather Chemists' Association and the National Association of Tanners at Chicago.	69.60	General expenses, Bureau of Chemistry, 1915 (agricultural investigations).
Do. ....	do. ....	Fitchburg, North Leominster, Worcester, Mass. (Jan. 4-8, 1915).	To witness the manufacture of postal card paper at the request of the Post Office Department, in connection with investigations being conducted in this bureau at the request of the Postmaster General.	39.78	General expenses, Bureau of Chemistry, 1915 (collaboration with other departments).

Do.....	Do.....	Atlantic City, N. J. (May 27-29, 1915).....	To attend the annual meeting of the American Leather Chemists' Association.	19.98	General expenses, Bureau of Chemistry, 1915 (agricultural investigations).
Do.....	Do.....	Savannah, Ga.; Jacksonville, Bonifay, De Funiak Springs, Fla.; Birmingham, Ala.; Cincinnati, Ohio (June 6-15, 1915).	To investigate the handling, weighing, and grading of naval stores.	150.01	Naval stores investigations, 1915.
Do.....	Do.....	Atlantic City, N. J. (June 24-26, 1915).....	To attend the annual meeting of the Society for Testing Materials.	19.33	General expenses, Bureau of Chemistry, 1915 (agricultural investigations).
Do.....	Do.....	Chicago, Ill.; Moscow, Idaho (June 28-30, 1915).	To consult on chemical methods of utilizing wood and wood products.	117.95	Do.
Walton, G. P.....	Assistant chemist.....	Greenville, S. C. (Oct. 22-29, 1914).....	To appear as a witness in a case reported for prosecution under the food and drugs act.	56.85	Enforcement of the food and drugs act, 1915.
Do.....	Do.....	St. Louis, Mo. (May 8-13, 1915).	.....do.....	66.85	Do.
Weber, F. C.....	Chemist in charge, animal physiological chemical laboratory.	Eastport, Portland, Rockland, Bar Harbor, Me.; Boston, Mass.; New York, N. Y. (July 1-Dec. 8, 1914).	To conduct an investigation of the handling, preparation, and packing of sardines.	427.67	General expenses, Bureau of Chemistry, 1915 (fish investigations).
Do.....	Do.....	New York, N. Y. (Feb. 10-12, 1915).....	To attend the annual convention of the National Canners' Association to obtain information relative to the handling of fish.	25.40	Do.
Do.....	Do.....	Tiffin, Columbus, Ohio (Apr. 1-12, 1915)...	To secure data in an investigation of the practice of sanding poultry, in connection with the enforcement of the food and drugs act.	54.94	Enforcement of the food and drugs act, 1915.
Do.....	Do.....	New York, N. Y.; Boston, Mass.; Portland, Eastport, Me. (June 8-26, 1915).	To conduct investigations relative to the handling, preparation, and packing of sardines.	150.46	General expenses, Bureau of Chemistry, 1915 (fish investigations).
Webster, R. O.....	Bacteriologist.....	Annapolis, Md. (Apr. 26, 1915).....	To inspect dairies and secure information necessary to be used in conducting milk campaigns relative to the interstate shipment of milk in connection with the enforcement of the food and drugs act.	2.55	Enforcement of the food and drugs act, 1915.
Do.....	Do.....	Chicago, Ill.; Dubuque, Davenport, Iowa; Omaha, Neb.; Keokuk, Iowa (May 6-June 30, 1915).	To assist in conducting bacteriological examinations of interstate shipments of milk and other dairy products in connection with the enforcement of the food and drugs act.	183.89	Do.
Do.....	Do.....	Richmond, Va. (Oct. 19-24, 1914).....	To attend the meeting of the National Association of Master Bakers, to obtain information which will be of value in the work of the bureau in studying from an agricultural chemical standpoint the baking quality of the various flours.	26.30	General expenses, Bureau of Chemistry, 1915 (agricultural investigations).
Do.....	Laboratory helper.....	New Haven, Conn.; New York, N. Y. (Sept. 13-Oct. 3, 1914).	To assist in the investigations of the oyster industry.	78.00	General expenses, Bureau of Chemistry, 1915 (oyster and other shellfish investigations).
Williams, R. R.....	Junior chemist.....	Philadelphia, Pa.; New York, N. Y. (Apr. 27-May 11, 1915).	To study methods and assist in the work at those points in connection with the enforcement of the food and drugs act.	48.58	Enforcement of the food and drugs act, 1915.
Wilson, J. B.....	Assistant chemist.....	St. Louis, Mo. (Apr. 6-10, 1915).....	To appear as a witness in a case reported for prosecution under the food and drugs act.	69.15	Do.
Wright, C. D.....	Do.....	New York, Syracuse, N. Y. (Apr. 5-6, 1915).	.....do.....	29.31	Do.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

## BUREAU OF SOILS.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Bryan, Harry.....	Scientist in soil laboratory investigations.	Charlotte, N. C., and points in that vicinity, and return (Apr. 12-14, 1915).	To visit certain fertilizer manufacturing plants in the vicinity of Charlotte, and to consult with those interested in the manufacture of fertilizers, with a view of obtaining information regarding the methods and new processes used in the manufacture of phosphatic fertilizers.	\$28. 90	General expenses, Bureau of Soils, 1915 (investigations of fertilizer resources).
Cameron, Frank K.....	do.....	New York and Massena Springs, N. Y.; Newport, Vt.; and other points in the States named, and return (Aug. 23-Sept. 1, 1914).	To investigate the use of water and hydro-electric power for nitrogen fixation, the production of phosphoric acid and other raw materials used as fertilizers.	62. 85	Do.
Do.....	do.....	Chicago, Ill.; Keokuk, Iowa; Denver, Colo.; Salt Lake City, Utah; McCammon, Idaho; Colkeville, Wyo.; The Dalles and Portland, Oreg.; Seattle, Wash.; San Francisco, Los Angeles, and San Diego, Cal.; and other points in the States named, and return (Sept. 10-Oct. 11, 1914).	To investigate the possible utilization of hydro-electric power and other methods used in the Western States in the production of phosphates, potash salts, and nitrogen carriers for fertilizers.	340. 47	Do.
Do.....	do.....	Los Angeles, Cal.; Salt Lake City, Utah; and other points in the States named, and return (Jan. 2-Feb. 14, 1915).	To confer with State officials and others interested in the manufacture of soluble potassium salts from kelps, with a view of their utilization as fertilizers, and in particular to cooperate with Messrs. E. W. Scripps and W. C. Crandall of the Scripps Biological Institution, La Jolla, Cal., in experiments on the reduction of kelp for the recovery of soluble potassium salts and other products.	432. 74	Do.
Do.....	do.....	Charlotte, N. C., and New Orleans, La., and return (Mar. 27-Apr. 4, 1915).	To consult manufacturers of fertilizers regarding the utilization of natural resources, especially potash carriers and ammonium phosphates, and to attend a meeting of the American Chemical Society in New Orleans from Mar. 31 to Apr. 3, for the purpose of conferring with those present regarding remedial measures for the present potash situation resulting from the European war.	88. 60	Do.



Do.....	New York, N. Y., and return (Apr. 15-17, 1915).	To consult manufacturers and power producers with reference to the feasibility of producing commercially potash from feldspar and other silicates, and the production of ammonium phosphate from natural phosphorites and atmospheric nitrogen.	23.85	Do.
Do.....	Allentown, Pa.; Cincinnati, Ohio; Chicago, Ill.; Detroit, Mich.; Buffalo and Ithaca, N. Y.; and other points in the States named, and return (Apr. 21-May 1, 1915).	To investigate proposed methods for obtaining potassium salts for fertilizer purposes and conferring with fertilizer manufacturers regarding the feasibility of these proposed methods.	96.28	Do.
Do.....	Bethlehem, Pa.; Toledo, Ohio; and other points in the States named, and return (May 12-15, 1915).	To investigate efforts by commercial plants to prepare potassium salts for fertilizers from feldspar, alunite, and other natural sources.	58.85	Do.
Do.....	Baltimore, Md., and return (June 3, 1915).	To inspect the work now being done in the Johns Hopkins laboratory by bureau collaborators on the flocculation and deflocculation of soils.	2.00	General expenses, Bureau of Soils, 1915 (physical investigations).
Davis, R. O. E.....	Los Angeles, San Diego, La. Jolla, San Francisco, and Oakland, Cal.; Eugene and The Dalles, Oreg.; Spokane, Wash.; Montrose, Salida, Colorado Springs, and Denver, Colo.; Rapid City and Deadwood, S. Dak.; and other points in the States named, and return (Apr. 7-May 19, 1915).	To make investigations and observations on various soil erosion problems under different climatic conditions, methods of cultivation, and in various soil types and geologic formations at various points in southern California; in the vicinity of Portland and The Dalles, Oreg.; Spokane, Wash.; Montrose and Denver, Colo.; and Rapid City, S. Dak.; to collect and ship soil samples for comparison and examination in the laboratories and to consult with university authorities at Berkeley, Cal.	358.64	Do.
Ross, William H.....	Charlotte, N. C., and points in that vicinity, and return (Apr. 12-14, 1915).	To visit certain fertilizer manufacturing plants in the vicinity of Charlotte and to consult with those interested in the manufacture of fertilizers, with a view of obtaining information regarding the methods and new processes used in the manufacture of phosphatic fertilizers.	28.90	General expenses, Bureau of Soils, 1915 (investigations of fertilizer resources).
Schreiner, Oswald.....	State College, Pa., and return (July 27-30, 1914).	To supervise certain soil experiments carried on in cooperation with Pennsylvania Agricultural Experiment Station, and to consult with the director and others in regard to these experiments.	26.63	General expenses, Bureau of Soils, 1915 (soil fertility investigations).
Skinner, J. J.....	State College, Pa., and return (June 9-12, 1915).	To start this season's cooperative plate experiments with soil aldehydes and to confer with members of the experiment station staff regarding soil fertility investigations.	24.88	Do.
Do.....	State College, Pa., and return (June 27-29, 1915).	To make applications of soil aldehydes, observations of the plate experiments carried on at that place in cooperation with the Pennsylvania Experiment Station, and to gather certain soil samples and ship to bureau for laboratory investigations.	24.81	Do.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

BUREAU OF SOILS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Steinkoenig, L. A. ....	Scientist in soil laboratory investigations.	Various points in the States of North Carolina and Virginia, and return (June 16-29, 1915).	To study the soils of known composition and the segregation of soil constituents with reference to vegetation, and to gather samples of soil and plants, to assist in laboratory determinations.	\$86.70	General expenses, Bureau of Soils, 1915 (chemical investigations).
Turrentine, J. W. ....	do.....	Charleston, S. C.; Savannah and Atlanta, Ga.; Jacksonville, Fla.; New Orleans, La.; Galveston, Houston, San Antonio, and El Paso, Tex.; Los Angeles, San Diego, La Jolla, and San Francisco, Cal.; Portland, Oreg.; Seattle, Bellingham, and Spokane, Wash.; Minneapolis, Minn.; Madison, Wis.; Chicago, Ill.; St. Louis, Mo.; Indianapolis, Ind.; New York City and Albany, N. Y.; and other points in the States named, and return (Feb. 26-May 29, 1915).	To investigate further the methods of disposal of city wastes, with special reference to recently introduced methods of preparing fertilizers from garbage, fish, and other municipal and trade wastes.	724.23	General expenses, Bureau of Soils, 1915 (investigations of fertilizer resources).
Waggaman, W. H. ....	Scientist in investigations of fertilizer resources.	Chicago, Ill.; Keokuk, Iowa.; Denver, Colo.; Salt Lake City, Utah; McCammon, and Soda Springs, Idaho; Cokeville, Wyo.; The Dalles and Portland, Oreg.; Butte, Mont.; and other points in the States named and return (Sept. 10-Oct. 11, 1914).	To investigate the possible commercial utilization of the phosphate deposits in the States named.	366.57	Do.
Do.....	do.....	Various points in the States of Virginia, North Carolina, South Carolina, Florida, Georgia, Alabama, Tennessee, Kentucky, Indiana, Illinois, Ohio, and return (Apr. 8-May 13, 1915).	To investigate the phosphate resources of and to visit experiment stations in the States named to ascertain the value of raw rock phosphate as a fertilizer.	244.71	Do.
Do.....	do.....	Various points in the States of Pennsylvania, New York, Massachusetts, Rhode Island, Maine, and return (June 16-28, 1915).	To investigate the phosphate resources of and to visit the several experiment stations in the States named, with a view to ascertaining the value of raw ground rock phosphate as a fertilizer.	102.23	Do.

## BUREAU OF ENTOMOLOGY.

Boving, A. G.....	Entomological assistant.	Tyrone, Pa. (Apr. 17-28, 1915).....	To investigate depredations by the poplar borer.	\$28. 67	General expenses, Bureau of Entomology, 1915 (forest insects).
Busek, August.....	do.....	Honolulu, Hawaii, and other points within and throughout the islands of Oahu and Hawaii (May 5-June 30, 1915).	To obtain information regarding the life history of the pink boll worm and its damage to cotton and other plants, needed in formulating plans to prevent the introduction and spread of this insect in continental United States.	626. 50	Enforcement of the plant-quarantine act, 1915.
Caudell, A. N.....	Assistant.....	Philadelphia, Pa. (Oct. 26-29, 1914).....	To make a study of the type specimens of Orthoptera in the museum collections of the Academy of Natural Sciences.	13. 25	General expenses, Bureau of Entomology, 1915 (miscellaneous insects).
Do.....	do.....	Catskill Mountain region and other points in New York (Apr. 1-15, 1915).	To make a study of the early spring breeding of wood-boring mosquitoes.	27. 05	Do.
Clifton, R. S.....	Chief clerk and executive assistant.	Boston, Mass. (Mar. 12-14, 1915).....	To confer with employees of the bureau on the subject of the gipsy and brown-tail moth investigations.	28. 40	Preventing spread of moths, Bureau of Entomology, 1915.
Do.....	do.....	Boston, Mass. (Apr. 7-11, 1915).....	do.....	37. 85	Do.
Currie, R. P.....	Entomological assistant.	Terra Alta and other points in West Virginia and Maryland (July 19-25, 1914).	To make observations on the phenological and life zone conditions relating to the insects of Spangnum swamp.	28. 50	General expenses, Bureau of Entomology, 1915 (forest insects).
Demuth, G. S.....	Apicultural assistant.	Philadelphia, Pa. (July 23-25, 1914).....	To make investigations in connection with bee culture.	13. 10	General expenses, Bureau of Entomology, 1915 (bee culture).
Do.....	do.....	Philadelphia, Pa. (Aug. 24-26, 1914).....	To pack and prepare for shipment to Washington, D. C., certain property belonging to the bureau.	15. 94	Do.
Do.....	do.....	Winchester, Va. (Apr. 13, 1915).....	To make preliminary arrangements for observations on the effects on bees of spraying fruit trees.	6. 18	Do.
Do.....	do.....	Chattanooga, Tenn. (Apr. 24-28, 1915).....	To attend the Southern Conference for Education and Industry and a special conference on beekeeping.	38. 09	Do.
Do.....	do.....	Winchester, Va. (Apr. 28-May 8, 1915).....	To carry on observations in connection with the effect on bees of spraying fruit trees.	50. 02	Do.
Do.....	do.....	Winchester, Va. (May 26-28, 1915).....	To confer with the county farm demonstrator, with a view of establishing apiaries in agricultural schools and instructing teachers in the care of bees.	11. 15	Do.
Dyar, H. G.....	Entomological assistant.	New York City and other points in New York (May 25-29, 1915).	To study conditions in connection with malarial mosquito breeding.	14. 55	General expenses, Bureau of Entomology, 1915 (miscellaneous insects).
Fisher, W. S.....	do.....	Harrisburg, Pa. (July 19-Aug. 8, 1914).....	To make a study of the hickory bark beetle....	37. 37	General expenses, Bureau of Entomology, 1915 (forest insects).
Do.....	do.....	Harrisburg, Pa. (Sept. 16-25, 1914).....	To make a further study of the hickory bark beetle.	26. 22	Do.
Do.....	do.....	Harrisburg, Pa. (May 1-14, 1915).....	do.....	31. 82	Do.
Do.....	do.....	Harrisburg, Pa. (June 1-22, 1915).....	do.....	48. 62	Do.



*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

BUREAU OF ENTOMOLOGY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Hopkins, A. D.....	Entomological assistant.	Various points in Colorado, California, Oregon, and Montana (Mar. 6-Apr. 1, 1915).	To inspect field stations and confer with employees of the bureau on the subject of investigations of forest insects.	\$278.31	General expenses, Bureau of Entomology, 1915 (forest insects).
Do.....	do.....	Kanawha Station, W. Va. (Apr. 22-May 11, 1915).	To make observations on experiments with cedar for rustic work to avoid attack by insects, and to conduct phenological investigations.	27.91	Do.
Do.....	do.....	Boston, Mass. (May 29-June 1, 1915).....	To make a study of insects affecting nursery stock.	44.45	Do.
Do.....	do.....	Parkersburg, Kanawha Station, W. Va. (June 9-20, 1915).	To continue experimental work on insects affecting rustic work.	31.01	Do.
Howard, L. O.....	Chief of bureau.....	Boston, Mass. (Aug. 12-21, 1914).....	To confer with employees of the bureau on the subject of the gypsy moth investigations.	35.89	Preventing spread of moths, Bureau of Entomology, 1915.
Do.....	do.....	Boston, Mass.; New York, N. Y. (Feb. 12-15, 1915).	To attend a conference at Boston, Mass., of the gypsy-moth authorities of the New England States and Canada; also to consult officers of post-graduate medical school at New York City relative to insect carriers of disease.	30.60	Do.
Do.....	do.....	Continuation of trip from New York, N. Y., to Atlantic City, N. J., and return to Washington, D. C. (Feb. 15-19, 1915).	To attend convention of the New Jersey Antimosquito County Commissioners at Atlantic City.	25.30	General expenses, Bureau of Entomology, 1915 (miscellaneous insects).
Do.....	do.....	New York City and other points in New York (Apr. 11-15, 1915).	To study early spring breeding of woods mosquitoes.	41.15	Do.
Do.....	do.....	Boston, Mass., and other points in New England and New York (June 14-19, 1915).	To confer with employees of the bureau, Boston, Mass.; the State entomologist of New York and State inspectors.	46.68	Preventing spread of moths, Bureau of Entomology, 1915.
Hunter, W. D.....	Entomological assistant.	Dallas, Tex.; Tallulah, La.; San Francisco, Cal. (July 1-24, 1914).	To inspect field stations and make investigations of the Argentine ant at San Francisco and adjacent points.	237.31	General expenses, Bureau of Entomology, 1915 (southern field crop insects).
Do.....	do.....	Continuation of trip from San Francisco, Cal., to Missoula, Mont., and return to Washington, D. C. (July 24-Aug. 2, 1914).	To inspect field station and confer with the Montana State Board of Entomology and employees of the bureau on the subject of the Rocky Mountain spotted fever tick.	157.00	General expenses, Bureau of Entomology, 1915 (miscellaneous insects).
Do.....	do.....	Clarksville, Tenn. (Aug. 30-Sept. 3, 1914)...	To inspect field station and confer with employees of the bureau on subject of investigation of tobacco insects.	71.95	General expenses, Bureau of Entomology, 1915 (southern field crop insects).
Do.....	do.....	Mound, Tallulah, La.; Dallas, Tex. (Oct. 1-31, 1914).	To inspect field work and confer with employees on the subject of investigations of southern field crop insects.	213.51	Do.

Do.....	Do.....	Baltimore, Md. (Jan. 18, 1915) .....	To attend conference on pellagra at Johns Hopkins University.	2.90	General expenses, Bureau of Entomology, 1915 (miscellaneous insects).
Do.....	Do.....	Tallahah, Baton Rouge, New Orleans, La. (Jan. 30-Feb. 6, 1915).	To confer with employees of the bureau on the subject of investigations of southern field crop insects.	110.41	General expenses, Bureau of Entomology, 1915 (southern field crop insects).
Do.....	Do.....	Tallahah, Mound, and other points in Louisiana (Mar. 15-22, 1915).	To inspect field stations and confer with employees of the bureau on the subject of investigations of southern field crop insects.	101.93	Do.
Do.....	Do.....	Mound, Tallulah, Baton Rouge, New Orleans, La. (Apr. 27-May 3, 1915).	.....do.....	96.31	Do.
Do.....	Do.....	Tallahah, Mound, New Orleans, La. (May 29-June 6, 1915).	.....do.....	113.69	Do.
Do.....	Do.....	Tallahah, Mound, New Orleans, La.; Dallas, Tex. (June 21-30, 1915).	.....do.....	136.03	Do.
McIndoo, N. E.	Apicultural assistant..	Various points in New Mexico, Colorado, and Michigan (Mar. 30-May 24, 1915).	To determine the poisonous effect of deciduous fruit insect sprays on bees.	210.86	General expenses, bureau of Entomology, 1915 (deciduous fruit insects).
Paine, J. H.	Entomological assistant.	Winchester, Va. (July 6-8, 1914).....	To make collections of deciduous fruit insects..	5.28	Do.
Phillips, E. F.	Apicultural assistant..	Philadelphia, Pa. (July 24-25, 1914).....	To make investigations in connection with bee culture.	9.25	General expenses, Bureau of Entomology, 1915 (bee culture).
Do.....	Do.....	Indianapolis, Ind.; Ames, Iowa; Springfield, Ill.; Madison, Wis. (Nov. 15-26, 1914).	To attend State meetings of beekeepers.....	123.00	Do.
Do.....	Do.....	Denver, Colo. (Feb. 13-22, 1915).....	To attend meeting of National Beekeepers' Association.	128.36	Do.
Do.....	Do.....	Chattanooga, Tenn. (Apr. 24-May 2, 1915).	To attend the Southern Conference for Education and Industry and a special conference on beekeeping.	65.55	Do.
Pierce, W. D.	Entomological assistant.	Various points in Georgia, Florida, Alabama, Mississippi, Louisiana, Tennessee, and Arkansas (Sept. 8-29, 1914).	To determine the spread of the cotton boll weevil.	197.80	General expenses, Bureau of Entomology, 1915 (southern field crop insects).
Do.....	Do.....	Madison, Fla., and other points in Florida and Georgia (Oct. 12-17, 1914).	To investigate a reported outbreak of the pink boll worm of cotton and to visit cotton mills to determine whether they carry out their agreement to burn all picker waste and seed from Egyptian cotton.	74.78	Enforcement of the plant quarantine act, 1915.
Do.....	Do.....	Various points in Mississippi, Tennessee, Arkansas, Oklahoma, Texas, Alabama, Florida, and Georgia (Oct. 26-Nov. 13, 1915).	To determine dispersion of cotton boll weevil...	246.95	General expenses, Bureau of Entomology, 1915 (southern field crop insects).
Do.....	Do.....	Various points in Georgia, Florida, Alabama, Mississippi, and Tennessee. (June 7-19, 1915).	To inspect field stations and make investigations of cotton-boll weevil status.	122.72	Do.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

## BUREAU OF ENTOMOLOGY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Popenoe, C. H.	Entomological assistant.	Riverhead, N. Y. (July 9-13, 1914).	To confer with agent in charge of station.	\$18.72	General expenses, Bureau of Entomology, 1915 (truck crop and stored product insects).
Do.	do.	Laredo and other points in Texas (Jan. 26-Mar. 1, 1915).	To make an investigation of the onion thrips.	209.48	Do.
Quaintance, A. L.	do.	Pemberton and other points in the State of New Jersey (July 14-17, 1914).	To oversee experimental work in connection with cranberry insects.	16.25	General expenses, Bureau of Entomology, 1915 (deciduous-fruit insects).
Do.	do.	Winchester, Va. (Aug. 4-5, 1914).	To confer with employees of the bureau regarding investigations of deciduous-fruit insects under way.	10.65	Do.
Do.	do.	Various points in Pennsylvania, Michigan, Washington, California, New Mexico, and Colorado (Sept. 13-Oct. 16, 1914).	To inspect field stations and confer with employees of the bureau on the general subject of investigations of deciduous-fruit insects.	361.54	Do.
Do.	do.	Boston, Mass. (Apr. 2, 1915).	To confer with officials of Bussey Institute with reference to work planned in connection with deciduous-fruit insect investigations.	41.80	Do.
Snyder, T. E.	do.	Various points in North Carolina and Tennessee (Aug. 16-Sept. 4, 1914).	To make a study of pine blight.	117.39	General expenses, Bureau of Entomology, 1915 (forest insects).
Do.	do.	Various points in West Virginia (Jan. 15-21, 1915).	To make an investigation of tree-killing insects of pine and spruce.	52.11	Do.
Do.	do.	Abingdon, Va. (Feb. 24-Mar. 2, 1915).	To make an investigation of the character and extent of depredations by the southern-pine beetle.	33.62	Do.
Do.	do.	Various points in Virginia, North Carolina, and Tennessee (June 9-24, 1915).	To make a study of insect injury to pine and spruce.	79.13	Do.
Townsend, C. H. T.	do.	To various points in the New England States (Aug. 17-Sept. 28, 1914).	To make life-history studies of Muscoid flies in connection with the intensive study of the parasitic flies of this group in the gipsy and brown-tail moth infested regions.	187.38	Preventing spread of moths, Bureau of Entomology, 1915.
Walton, W. R.	do.	Koehler, N. Mex. (July 27-Aug. 29, 1914).	To study native parasitic diptera in connection with range caterpillar investigations.	126.97	General expenses, Bureau of Entomology, 1915 (cereal and forage insects).
Do.	do.	Various points in Virginia (June 22-26, 1915).	To investigate an outbreak of the chinch bug.	29.10	Do.



Webb, J. L.	.....do.....	Miami, Key West, and other points in Florida (Mar. 6-15, 1915).	To make observations on the cigarette beetle..	122.77	General expenses, Bureau of Entomology, 1915 (southern field-crop insects.)
Webster, F. M.	.....do.....	Northampton, Mass., and other points in New England (Sept. 6-14, 1914).	To inspect field stations and confer with employees of the bureau on the subject of investigations of cereal and forage insects.	48.42	General expenses, Bureau of Entomology, 1915 (cereal and forage insects).
Do	.....do.....	Various points in Virginia, South Carolina, Florida, Mississippi, Tennessee, Missouri, Illinois, Indiana, and Ohio (Apr. 16-May 6, 1915).	To inspect field stations and confer with employees of the bureau on the subject of investigations of cereal and forage insects.	169.93	Do.
Wood, W. B.	.....do.....	Hancock, Md. (July 17-20, 1914).	To make application of insecticides in connection with peach borer experiments.	19.20	General expenses, Bureau of Entomology, 1915 (citrus-fruit insects).
Do	.....do.....	Hancock, Md. (Aug. 16-19, 1914).	To make observations on peach tree borer.....	18.61	Do.
Do	.....do.....	Hancock, Md. (Nov. 16-19, 1914).	do.....	19.20	Do.
Do	.....do.....	Winchester, Va. (June 30, 1915).	To liberate specimens of Calosoma beetles in orchards.	5.10	Do.

## BUREAU OF BIOLOGICAL SURVEY.

Bailey, Vernon	Chief field naturalist.	Various points in California, Oregon, Nevada, and North Dakota (July 1-Sept. 9, 1914); trip begun in previous fiscal year.	To supervise and conduct field and other investigations into the habits and distribution of native birds and mammals in relation to agriculture.	\$319.12	General expenses, Bureau of Biological Survey, 1915 (biological investigations).
Do	.....do.....	Philadelphia, Pa.; New York, N. Y.; and Cambridge, Mass. (Nov. 17-25, 1914).	To examine collections in the scientific institutions in the cities named, in connection with investigations relating to pocket gophers.	50.45	Do.
Do	.....do.....	Various points in North Dakota and Oregon; Carlton and other points in Saskatchewan; points in southern Alberta (May 29-June 30, 1915).	To continue biological survey of North Dakota; make investigations concerning pocket gophers.	249.90	Do.
Bancroft, W. F.	Administrative assistant, game preservation.	Baltimore, Md. (June 2-3, 1915)	To investigate cases involving the interstate shipment of game in violation of sections 242, 243, and 244 of the United States Criminal Code.	11.00	General expenses, Bureau of Biological Survey, 1915 (game preservation).
Do	.....do.....	Baltimore, Md. (June 25, 1915).	To inspect and plan for continuance of work in destroying prairie dogs, ground squirrels, and other noxious rodents; to collect information on the disease which is prevalent among waterfowl in Salt Lake Valley; to inspect mink farm at Pritchard, Idaho.	3.65	Do.
Fisher, A. K.	In charge, economic investigations.	Various points in North Dakota, Colorado, California, Arizona, and New Mexico; Salt Lake Valley, Utah, and Pritchard, Idaho (Aug. 16-Sept. 16; Oct. 9-31, 1914).	To study conditions and review work of field parties in connection with the control of ground squirrels on national forests.	541.75	General expenses, Bureau of Biological Survey, 1915 (food habits of birds and mammals).
Do	.....do.....	Various points in California (Sept. 17-Oct. 8, 1914).		167.15	General expenses, Bureau of Biological Survey, 1915 (exterminating ground squirrels on national forests)

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

BUREAU OF BIOLOGICAL SURVEY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Fisher, A. K.....	In charge, economic investigations.	New York, N. Y. (Feb. 28-Mar. 3, 1915).....	To attend conferences on propagation and preservation of game.	\$22.35	General expenses, Bureau of Biological Survey, 1915 (administrative expenses).
Do.....	do.....	Various points in Texas, Arizona, California, Oregon, Washington, Utah, Nebraska, and Wyoming (Apr. 19-June 19; June 27-30, 1915).	To study conditions in connection with the control of noxious animals; review work of field parties, and confer with officers and individuals of live stock and other associations with whom the bureau may desire to cooperate.	499.65	General expenses, Bureau of Biological Survey, 1915 (food habits of birds and mammals).
Do.....	do.....	Various points in California and Nevada (June 20-26, 1915).	To study conditions and review work of field parties in connection with the control of ground squirrels on national forests.	117.35	General expenses, Bureau of Biological Survey, 1915 (exterminating ground squirrels on national forests).
Goldman, E. A.....	Field naturalist.....	Various points in Arizona (July 18-Oct. 10, 1914).	To study the distribution and habits of the birds and mammals of the region in their relation to agriculture.	565.20	General expenses, Bureau of Biological Survey, 1915 (biological investigations).
Do.....	do.....	Various points in Arizona (May 31-June 30, 1915).	.....do.....	219.18	Do.
Goldman, L. J.....	Biological assistant.....	Various points in Alabama (Mar. 6-Apr. 25, 1915).	To continue biological survey of the State to determine the extent of depredations on live stock by wolves, the distribution and approximate number of beaver, and make other investigations concerning bird and mammal life.	168.70	Do.
Jackson, H. H. T.....	Assistant biologist.....	Various points in Arizona (May 6-7; June 1-30, 1915).	To study the distribution and habits of the birds and mammals of the region in their relation to agriculture.	168.17	Do.
Lantz, D. E.....	do.....	Various points in Colorado, Nebraska, and Kansas (July 1-Aug. 10, 1914); trip begun in previous fiscal year.....	To supervise work of field parties in destruction of prairie dogs in Colorado; investigate pocket gopher problem in Nebraska; inspect skunk ranches at points in Kansas.	189.82	General expenses, Bureau of Biological Survey, 1915 (food habits of birds and mammals).
Do.....	do.....	Various points in southwestern Virginia (Sept. 8-17, 1914).	To secure information concerning a plague of rats, for the purpose of advising methods of control for the benefit of the farmers of the section.	36.45	Do.

Do.....	Winchester, Va. (Jan. 12-14, 1915).....	To attend meeting of Virginia State Horticultural Society for the purpose of delivering an address on rodents destructive to orchards.	11. 03	General expenses, Bureau of Biological Survey, 1915 (food habits of birds and mammals). Do.
Do.....	Various points in Colorado (Mar. 27-June 30, 1915).	To continue investigations in the control of noxious rodents; to secure data on fur farms.	335. 06	
McAtee, W. L.....	Various points in Washington, Oregon, California, and Idaho (Oct. 29, 1914-Feb. 5, 1915).	To study the relation of wild ducks to the shell fish industry; secure data on food habits of waterfowl; visit regions infested by jack rabbits for the purpose of securing information to be used in devising methods for the suppression of this pest.	528. 20	Do.
Mercer, J. E.....	Various points in Maryland and adjoining States (Nov. 1-11, 1914).	To supervise work of district inspectors and wardens engaged in the enforcement of the migratory bird law.	72. 49	General expenses, Bureau of Biological Survey, 1915 (protection of migratory birds). Do.
Do.....	Various points in New York, Rhode Island, Massachusetts, and Maryland (Dec. 5-15, 1914).	To inspect work of district inspectors and wardens engaged in the enforcement of the migratory bird law; and to confer with State game officials.	116. 52	
Do.....	Various points in Virginia and North Carolina (Jan. 10-16, 1915).	To supervise work of district inspectors engaged in the enforcement of the migratory bird law.	69. 55	Do.
Do.....	Various points in Indiana, Illinois, Kentucky, Missouri, Kansas, Nebraska, Iowa, Wisconsin, and Michigan (Feb. 23-Mar. 15, 1915).	To confer with district inspectors, wardens, State officials, and others concerned in the enforcement of regulations for the protection of migratory birds.	192. 79	Do.
Do.....	Various points in Virginia, Maryland, Delaware, New Jersey, New York, and Rhode Island (May 11-29, 1915).	To confer with district inspectors and local wardens in regard to the protection of shore birds; also with the officials of the United States Coast Guard Service in connection with a cooperative plan for the protection of these birds.	150. 95	Do.
Nelson, E. W.....	Various points in Arizona, Nevada, California, Oregon, Washington, and southern British Columbia (Sept. 19-Oct. 30, 1914).	To make general inspection of field work being carried on by bureau; to confer with State and local officials, organizations, and individuals in connection with cooperation and extension of field work.	383. 16	General expenses, Bureau of Biological Survey, 1915 (administrative expenses).
Do.....	New York, N. Y. (May 27-28, 1915).....	To attend meeting of advisory committee of Federal migratory bird law.	20. 65	General expenses, Bureau of Biological Survey, 1915 (protection of migratory birds).
Do.....	New York, N. Y. (June 8-11, 1915).....	To attend conference as representative of bureau on large game conservation in national forests.	24. 20	General expenses, Bureau of Biological Survey, 1915 (administrative expenses).



*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

BUREAU OF BIOLOGICAL SURVEY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Oberholser, H. C.....	Assistant ornithologist	Various points in Nebraska (May 27-June 26, 1915).	To study conditions surrounding the breeding wild fowl of Nebraska.	\$292.40	General expenses, Bureau of Biological Survey, 1915 (biological investigations). Do.
Peters, J. L.....	Field assistant.....	Various points in Arizona (July 18-Oct. 13, 1914).	To study the distribution and habits of the birds and mammals of the region in their relation to agriculture.	312.89	Do.
Do.....	do.....	Various points in North Carolina and South Carolina (May 11-June 30, 1915).	To investigate the number and species of breeding waterfowl, with a view to increasing the number of these birds.	228.70	Do.
Preble, E. A.....	Assistant biologist.....	Various points in eastern Oregon (May 21-June 30, 1915).	To continue work on biological survey of Oregon	298.10	Do.
Speenburgh, D. C.....	Inspector, migratory bird law.	Various points along the Illinois River (Apr. 9-19, 1915).	To investigate violations under the Federal migratory bird law.	110.94	General expenses, Bureau of Biological Survey, 1915 (protection of migratory birds).
Wetmore, Alex.....	Assistant biologist.....	Various points in Utah (July 8-Oct. 30; Nov. 18-21; Dec. 10-12, 1914).	To carry on investigations to determine the cause of mortality among wild ducks of this region.	799.13	General expenses, Bureau of Biological Survey, 1915 (investigating disease of wild ducks in Salt Lake Valley).
Do.....	do.....	Various points in San Joaquin Valley, Cal. (Oct. 31-Nov. 17, 1914); side trip from Salt Lake Valley).	.....do.....	164.20	General expenses, Bureau of Biological Survey, 1915 (food habits of birds and mammals).
Do.....	do.....	Various points in Utah (May 11-June 30, 1915).	To continue investigations in relation to the mortality among wild ducks.	340.99	General expenses, Bureau of Biological Survey, 1915 (investigating disease of wild ducks in Salt Lake Valley).

DIVISION OF ACCOUNTS AND DISBURSEMENTS.

Fuchs, William R.....	Deputy disbursing clerk.	Chicago, Ill. (May 23-June 2, 1915).....	To compile statement showing expenses incurred incident to the quarantine of dairy show animals at Chicago, Ill., on account of being affected with or exposed to foot-and-mouth disease.	\$79.55	Eradication of foot-and-mouth and other contagious diseases of animals, 1915-16.
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## DIVISION OF PUBLICATIONS.

Beeson, L. W.	Photographer	Philadelphia, Pa.; New Lisbon, N. J. (July 7-12, 1914).	To make photographs of blueberry plants in connection with cooperative work in economic and systematic botany.	\$21.53	General expenses, Bureau of Plant Industry, 1915 (economic and systematic botany).
Do.	do.	Philadelphia, Pa.; New Lisbon, N. J. (July 27-31, 1914).	do.	23.33	Do.
Do.	do.	Ithaca, N. Y. (Aug. 4-7, 1914).	To illustrate the work of the department in a motion-picture exhibit.	30.01	General expenses, Bureau of Plant Industry, 1915 (administrative and miscellaneous).
Do.	do.	New Lisbon, N. J. (May 11-13, 1915).	To make photographs of blueberry plants in connection with cooperative work in economic and systematic botany.	25.46	General expenses, Bureau of Plant Industry, 1915 (economic and systematic botany).
Do.	do.	Beltsville, Md. (July 20, 1914).	To make photographs of horses.	.79	General expenses, Bureau of Animal Industry, 1915 (animal husbandry).
Do.	do.	Front Royal, Va. (July 21-25, 1914).	To make still and motion pictures of horses used in the department's Army horse-breeding work.	17.90	General expenses, Bureau of Animal Industry, 1915 (military horse breeding).
Do.	do.	Beltsville, Md. (Oct. 9, 21, 1914).	To make photographs of horses at the Government's experimental farm.	1.58	General expenses, Bureau of Animal Industry, 1915 (animal husbandry).
Do.	do.	Hagerstown, Md. (Oct. 12-17, 1914).	To make photographs of leading varieties of chickens, ducks, geese, and turkeys on exhibition at the Hagerstown fair.	26.16	General expenses, Bureau of Animal Industry, 1915 (poultry feeding and breeding).
Do.	do.	Lexington, Ky. (Oct. 25-29, 1914).	To make motion pictures of horses used in the department's Army horse-breeding work.	53.65	General expenses, Bureau of Animal Industry, 1915 (military horse breeding).
Do.	do.	Shreveport, La. (Oct. 31-Nov. 13, 1914).	To make motion pictures at the State fair, showing the various phases of the pig-club work being conducted in the State of Louisiana.	138.39	General expenses, Bureau of Animal Industry, 1915 (animal husbandry).
Do.	do.	Norfolk, Old Point, Newport News, Va. (Jan. 26, 30, 1915).	To make photographs of horses being exported.	21.95	Do.
Do.	do.	Beltsville, Md. (Nov. 30; Dec. 22, 23, 1914; Jan. 5, 8, 15, 1915).	To make still and motion pictures covering the animal husbandry investigations being conducted at the Government's experimental farm.	3.80	Do.
Do.	do.	Kensington, Riverdale, Md. (Feb. 10, 1915).	To make photographs of pigeons.	.30	Do.
Do.	do.	Beltsville, Md. (Feb. 20; Mar. 16, 19; Apr. 21, 24; May 6, 1915).	To make photographs of animals used in animal husbandry experiments.	2.01	Do.
Boettcher, A. B.	Assistant in charge of illustrations.	Eastport, Me.; Boston, Mass.; Washington Junction, Me.; New York, N. Y. (Aug. 31-Sept. 13, 1914).	To assist in preparing illustrations in connection with sardine investigations for the Bureau of Chemistry.	98.40	General expenses, Bureau of Chemistry, 1915 (fish investigations).

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

DIVISION OF PUBLICATIONS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Olmsted, A. J.	Photographer.	Baltimore, Md. (Nov. 14, 18, 1914).	To make photographs for the Bureau of Chemistry, to be used in connection with the enforcement of the food and drugs act.	\$4.80	Enforcement of the food and drugs act, 1915.
Do.	do.	Baltimore, Md. (Jan. 11, 1915).	do.	2.50	Do.
Do.	do.	Points in the States of Minnesota and Wisconsin (July 16-Aug. 13, 1914).	To make photographs illustrating the manufacture of butter, cheese, and condensed milk.	149.00	General expenses, Bureau of Animal Industry, 1915 (dairy industry).

BUREAU OF CROP ESTIMATES.

Andrews, Frank.	Chief, Division of Crop Records.	New Orleans and other points in the State of Louisiana and return to Washington, D. C. (Nov. 9-23, 1914).	To collect data for sugar report.	\$125.31	General expenses, Bureau of Crop Estimates, 1915 (field investigations).
Estabrook, L. M.	Chief of bureau.	Indianapolis, Ind.; Columbus, Cincinnati, Ohio; Charleston, W. Va.; various intermediate points, and return to Washington, D. C. (May 20-29, 1915).	To confer with field agents, and inspect their records and methods, and to investigate crop conditions.	85.82	Do.
Do.	do.	Bryantown, Md.; Boston, Wakefield, Mass.; and various points in States of Maine, New Hampshire, and Vermont; thence to Williamstown, N. Y., and to various points in the State of New York; Harrisburg, Philadelphia, Pa.; and return to Washington, D. C. (June 4-29, 1915).	do.	168.71	Do.
Jones, S. A.	Chief, Division of Crop Reports.	Williamstown, N. Y.; various points in the State of New York; thence to Wakefield, Mass.; various points in the State of Maine, and return to Washington, D. C. (July 23-30, 1914).	To supervise work of field agents in the States of New York and Massachusetts, and to inspect their records and methods.	87.03	Do.
Do.	do.	Bryantown, Md., and return to Washington, D. C.; Columbus, Ohio; various points in Ohio; Lansing, Mich.; Fox Lake, Wis.; various points in Wisconsin; Grand Forks, N. Dak.; various points in North Dakota; Fergus Falls, Minn.; various points in Minnesota; Watertown, S. Dak.; various points in	To supervise work of field agents in the States of Maryland, Ohio, Michigan, Wisconsin, North Dakota, Minnesota, South Dakota, Nebraska, Missouri, and Indiana, and to inspect their records and methods.	191.08	Do.



Do.....	do.....	Do.....	172.93	To supervise work of field agents in the States of Tennessee, Mississippi, Louisiana, and Georgia, and to inspect their records and methods.	Do.
Do.....	do.....	Do.....	546.32	To supervise work of field agents in the States of Georgia, Colorado, Utah, Idaho, Washington, Oregon, California, Arizona, New Mexico, Wyoming, and Kansas, and to inspect their records and methods.	Do.
Do.....	do.....	Do.....	166.94	To supervise work of field agents in the States of South Carolina, Florida, Georgia, Tennessee, Kentucky, West Virginia, and to inspect their records and methods.	Do.
Do.....	do.....	Do.....	147.03	To supervise work of field agents in the States of North Carolina, South Carolina, Mississippi, Louisiana, Wisconsin, and to inspect their records and methods.	Do.
Do.....	do.....	Do.....	8.35	To supervise work and inspect records and methods of rice crop specialist.	Do.
OFFICE OF EXPERIMENT STATIONS.					
Allen, E. W.....	Assistant director.....		\$130.66	To inspect State experiment stations under the act of Mar. 2, 1887, and amendatory acts and to confer with officials of colleges and experiment stations in relation to their work and condition.	Agricultural experiment stations, 1915 (miscellaneous expenses).
Do.....	do.....		144.36	.....do.....	Do.
Do.....	do.....		200.69	.....do.....	Do.
Do.....	do.....		299.58	.....do.....	Do.
Do.....	do.....		31.34	.....do.....	Do.

South Dakota; Lincoln, Nebr.; various points in Nebraska; St. Louis, Mo.; various points in Missouri; Indianapolis, Ind.; return to Washington, D. C. (Aug. 4-30, 1914).

Nashville, Tenn.; various points in Tennessee; Coahoma, Miss.; various points in Mississippi; New Orleans, La.; various points in Louisiana; Atlanta, Ga.; various points in Georgia; return to Washington, D. C. (Sept. 14-30, 1914).

Albany, Ga.; Denver, Colo.; Provo, Utah; various points in State of Utah; Weiser, Idaho; Spokane, Wash.; Portland, Oreg.; San Francisco, Cal.; Phoenix, Ariz.; Albuquerque, N. Mex.; Denver, Colo.; Douglas, Wyo.; Olathe, Kans.; and return to Washington, D. C. (Oct. 20-Dec. 6, 1914).

Columbia, S. C.; various points in South Carolina; Gainesville, Fla.; various points in Florida; Albany, Ga.; various points in Georgia; Nashville, Tenn.; various points in Tennessee; Guthrie, Louisville, Ky.; Charleston, W. Va.; and return to Washington, D. C. (Mar. 8-31, 1915).

Durham, N. C.; Columbia, S. C.; Waynesboro, Miss.; New Orleans, La.; Fox Lake, Wis.; and return to Washington, D. C. (Apr. 11-May 6, 1915).

Warrenton, Va.; and return to Washington, D. C. (May 15-16, 1915).

Various points in Oklahoma (July 3-12, 1914).

Various points in New York, Delaware, and New England (July 25-Sept. 4, 1914).

Various points in Missouri, Oklahoma, Indiana, Illinois, Michigan, Ohio, and Delaware (Sept. 20-Oct. 8, 1914).

Various points in Oklahoma, Louisiana, Texas, Arkansas, Tennessee, Kentucky, and Illinois (May 1-31, 1915).

Mograntown, W. Va. (June 17-20, 1915).

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

OFFICE OF EXPERIMENT STATIONS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Barrows, H. P.....	Assistant in agricultural education.	Manassas, Va. (Apr. 8, 1915).....	To investigate and report upon the organization and progress of agriculture in secondary schools and to obtain information for use in connection with department work.	\$1.90	Agricultural experiment stations, 1915 (farmers' institutes).
Do.....	do.....	Sparks, Md. (Apr. 22, 1915).....	do.....	3.08	Do.
Do.....	do.....	Various points in New York (May 18-26, 1915).	To investigate and report on the teaching of agriculture and to obtain information in relation to the department's work relating to agricultural schools.	60.31	Do.
Do.....	do.....	Clifton, Va. (June 22-23, 1915).....	do.....	3.45	Do.
Do.....	do.....	Morgantown, W. Va. (June 27-30, 1915).....	do.....	28.19	Do.
Beal, W. H.....	Chief of division.....	Knoxville, Tenn. (July 1-2, 1914).....	To inspect State experiment stations under the act of Mar. 2, 1887, and amendatory acts, and to confer with officials of colleges and experiment stations in relation to their work and condition.	24.65	Agricultural experiment stations, 1915 (miscellaneous expenses).
Do.....	do.....	Various points in Pennsylvania and West Virginia (Aug. 10-16, 1914).	do.....	45.90	Do.
Do.....	do.....	Various points in Virginia, Tennessee, North Carolina, South Carolina, Georgia, Florida, Alabama, and Mississippi (May 1-31, 1915).	do.....	205.67	Do.
Dillon, Morris N.....	Assistant in agricultural education.	Morgantown, W. Va. (Aug. 9-15, 1914).....	To deliver an address on "Institute organization," at a conference of farmers' institute workers and gather illustrative material at the West Virginia State Agricultural College.	35.79	Agricultural experiment stations, 1915 (farmers' institutes).
Do.....	do.....	Various points in States of Ohio, Indiana, Illinois, Kentucky, and Tennessee (Sept. 21-Oct. 17, 1914).	To study and collect illustrative material on agricultural extension work for use in farmers' institute and movable schools of agriculture.	140.75	Do.
Do.....	do.....	Tazewell and Blacksburg, Va. (Nov. 3-7 1914).	To deliver address before a farmers' institute at Tazewell on "What the Department of Agriculture is doing for farmers," and to collect illustrative material at Blacksburg for use in connection with the department's work.	33.06	Do.
Evans, Walter H.....	Chief of division.....	Various places in Oregon, Washington, Montana, Minnesota, South Dakota, Wisconsin (July 1-31, 1914).	To inspect State experiment stations under the act of Mar. 2, 1887, and amendatory acts, and to confer with officials of colleges and experiment stations in relation to their work and condition.	241.08	Agricultural experiment stations, 1915 (miscellaneous expenses).

Do.	.....do.	Various points in New Mexico, Arizona, California, Hawaii (May 15-June 30, 1915).	388.16	Do.	Irrigation investigations, 1915.
Forster, Samuel.	Chief of Irrigation investigations.	Various points in Utah, Wyoming, Colorado, Ohio, Nebraska, Idaho, Montana (July 2-31, 1914).	308.99	Do.	Irrigation investigations, 1915.
Do.	.....do.	Spokane, Seattle, Portland, Reno, Chicago, and other western points (Aug. 1-24, 1914).	259.20	Do.	Do.
Do.	.....do.	Vineland, N. J. (Jan. 23-24, 1915).	13.42	Do.	Do.
Do.	.....do.	Denver, Colo. (June 28, 1915).	69.31	Do.	Do.
Frescoln, Samuel W.	Drainage engineer.	Arlington Farm, Va. (June 7-30, 1915).	5.07	Drainage investigations, 1915.	Drainage investigations, 1915.
Greacen, Zoe V.	Clerk, agricultural education.	Columbus, Ohio (Feb. 21-23, 1915).	35.01	Agricultural experiment stations, 1915 (farmers' institutes).	Agricultural experiment stations, 1915 (farmers' institutes).
Do.	.....do.	Chattanooga, Tenn. (Apr. 23-27, 1915).	46.85	Do.	Do.
Harden, Fred G.	Irrigation engineer.	Norfolk, Va. (Nov. 1-3, 1914).	16.15	Irrigation investigations, 1915.	Irrigation investigations, 1915.
Hoald, F. E.	Assistant in agricultural education.	Northampton, Mass. (June 27-29, 1915).	20.03	Agricultural experiment stations, 1915 (farmers' institutes).	Agricultural experiment stations, 1915 (farmers' institutes).
Hendrick, H. B.	.....do.	Various points in Pennsylvania and Massachusetts (Jan. 18-Feb. 2, 1915).	81.04	Do.	Do.
Do.	.....do.	Brooklyn, State College, Pa. (Mar. 23-27, 1915).	36.06	Do.	Do.
Hunt, Caroline L.	Expert in nutrition.	Cleveland, Ohio (July 3, 1914).	23.03	Nutrition investigations, 1915.	Nutrition investigations, 1915.
Do.	.....do.	Roanoke, Va. (Aug. 6-8, 1914).	19.51	Do.	Do.
Do.	.....do.	Wichita, Kans. (Sept. 25-Oct. 20, 1914).	265.49	International Dry-Farming Congress, Wichita, Kans., 1915.	International Dry-Farming Congress, Wichita, Kans., 1915.
Do.	.....do.	Rock Hill, S. C.; Greensboro, N. C. (Mar. 9-13, 1915).	33.39	Nutrition investigations, 1915.	Nutrition investigations, 1915.



*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

## OFFICE OF EXPERIMENT STATIONS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Hunt, Caroline L.....	Expert in nutrition....	Tallahassee, Fla., and Florence, S. C. (Feb. 10-25, 1915).	To attend convention of county agents for purpose of presenting results of experimental studies of the use and home preserving of citrus fruits and fruit products; attend Alabama State Meeting of Canning Club Agents at College of Agriculture, Tuskegee Normal and Industrial Institute, and Florida Agricultural and Mechanical College for Negroes; deliver address before Federated Clubs of Florence on "The nutrition work of the department."	\$91.44	Nutrition investigations, 1915.
Do.....	do.....	Baltimore, Md. (Apr. 14, 1915).....	To deliver address before the Mothers' Club on "The nutrition work of the department as relating to planning of meals."	3.75	Do.
Do.....	do.....	(Blacksburg, Va., Cincinnati, Ohio, and Knoxville, Tenn. (May 7-11, 1915).	(To arrange for preparation of manuscript for bulletin for the department, to address and confer with county agents in Virginia in connection with farm demonstration work, and to address Tennessee agents at Knoxville on "Cooperative agricultural extension work.")	24.35 45.90	Do. General expenses, Bureau of Plant Industry, 1915 (farmers' cooperative demonstrations in South).
Lane, C. H.....	Chief specialist in agricultural education.	Chicago, Ill., Madison, Wis., St. Paul, Minn., Brookings, S. Dak., Champaign, Ill., and Oxford, Ohio (July 1-27, 1914).	To investigate and report on the organization and progress of agricultural schools.	174.04	Agricultural experiment stations, 1915 (farmers' institutes).
Do.....	do.....	Baltimore, Md. (Sept. 19, 1914).....	To arrange for a cooperative project in agricultural education.	2.77	Do.
Do.....	do.....	Blacksburg and Christiansburg, Va. (Sept. 20-21, 1914).	do.....	19.86	Do.
Do.....	do.....	Richmond, Va., Knoxville, Tenn., and Lexington, Ky. (Oct. 5-11, 1914).	To confer with county agricultural agents and obtain information for use in connection with the department's work relating to agricultural schools.	62.68	Do.
Do.....	do.....	Charlottesville, Va. (Oct. 21-23, 1914)....	To attend conference of Southern Commission on Accredited Schools; assist in discussion of a report on "Content unit of agriculture," and obtain information for use in connection with the work of the department relating to agricultural schools.	15.06	Do.
Do.....	do.....	Manassas, Va. (Oct. 30, 1914).....	To obtain information for use in connection with the department's work relating to agricultural schools.	3.50	Do.

Do.....	do.....	Baltimore, Md. (Nov. 13, 1914).....	To confer with State superintendent of public instruction of Maryland in relation to cooperative work with the agricultural college and State department of public instruction.	2.88	Do.
Do.....	do.....	Various points in Pennsylvania, New York, Michigan, and Illinois (Nov. 22-Dec. 10, 1914).	To investigate and report on the teaching of agriculture and obtain information for use in connection with the department's work relating to agricultural schools.	123.25	Do.
Do.....	do.....	Various points in New Jersey, New York, Wisconsin, Iowa, Minnesota, and Ohio (Jan. 17-Feb. 7, 1915).	do.....	173.22	Do.
Do.....	do.....	Pittsburgh, Pa. (Feb. 20-Mar. 13, 1915).	To obtain information relating to agricultural schools and attend conferences for education and industry and on secondary agricultural education.	22.10	Do.
Do.....	do.....	Nashville, Tenn.; Montvalla, and Birmingham, Ala.; Rome, Milledgeville, Barnesville, and Athens, Ga.; and Chattanooga, Tenn. (Apr. 23-May 11, 1915).	To arrange for the preparation of agricultural literature for rural-school teachers.	128.38	Do.
Do.....	do.....	Harrisburg and Philadelphia, Pa. (May 23-26, 1915).	To arrange for cooperative work in the preparation of literature for rural-school teachers and to secure information relating to agricultural schools.	25.56	Do.
Do.....	do.....	Various points in Ohio, New York, Vermont, New Hampshire, and New Brunswick (June 3-16, 1915).	To deliver address on "The teaching of agriculture in elementary schools" at Maryland State Teachers' Association and obtain information for use in connection with department's work relating to agricultural schools.	132.55	Do.
Do.....	do.....	Ocean City, Md. (June 23-30, 1915).....	To consult with experts in relation to proposed work on the relative utility and economy of agricultural products for food, clothing, etc.	13.35	Do.
Lang, Harold L.....	Scientific assistant.....	New York, Boston, and Lowell (July 17-25, 1914).	To attend annual meeting of American Home Economics Association for purpose of disseminating information concerning nutrition investigations of Department of Agriculture and consult with experts regarding profitable lines of investigations of home economics and other problems.	55.45	Nutrition investigations, 1915.
Langworthy, C. F.....	Chief, nutrition investigations.	Cleveland, Ohio (July 1-5, 1914).....	To consult with experts regarding the possibility of preparing a bulletin on the mineral constituents of the diet and to discuss problems concerning clothing, household equipment and general nutrition matters.	33.82	Do.
Do.....	do.....	New York, N. Y. (Oct. 23-26, 1914).....	To attend a conference of officers of agricultural colleges and the department engaged in extension work in agricultural and home economics and to discuss nutrition problems with experts.	25.05	Do.
Do.....	do.....	Chicago, Urbana, and Champaign, Ill. (Dec. 6-12, 1914).		71.57	Do.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

OFFICE OF EXPERIMENT STATIONS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Langworthy, C. F.....	Chief, nutrition investigations.	New York, N. Y. (Feb. 19-23, 1915).....	To attend alumni conference of household arts (home economics) at Teachers' Colleg <sup>3</sup> , Columbia University, New York; address conference on "The nutrition work of the department and the opportunities for home betterment work in rural regions"; and to consult with experts in relation to proposed investigations.	\$27.10	Nutrition investigations, 1915.
Do.....	do.....	New York, N. Y. (Mar. 7-9, 1915).....	To deliver an address before the Institution of Arts and Science of Columbia University on the work of the Department of Agriculture for the benefit of housekeepers, and to consult with experts in relation to studies of home economics.	24.15	Do.
Do.....	do.....	Ithaca, N. Y. (May 25-31, 1915).....	To discuss nutrition investigations and other home economic matters with reference to use in agricultural colleges, particularly extension teaching, with officers of Cornell University.	40.26	Do.
Do.....	do.....	Lake Placid, N. Y. (June 22-30, 1915).....	To confer with experts and deliver address on work relating to nutrition at Lake Placid conference.	33.09	Do.
McCroly, S. H.....	Chief, drainage investigations.	Various points in Iowa and Nebraska (July 1-31, 1914).	To inspect and supervise the drainage work of the office and consult with department and other engineers regarding the progress of and plans for work.	105.02	Drainage investigations, 1915.
Do.....	do.....	Various points in Iowa, Minnesota, Colorado, and Utah (Aug. 1-31, 1914).	do.....	369.89	Do.
Do.....	do.....	Various points in Virginia, South Carolina, and Alabama (Sept. 1-19, 1914).	do.....	60.78	Do.
Do.....	do.....	Idaho, Washington, California, and Colorado (Oct. 10-31, 1914).	do.....	290.79	Do.
Do.....	do.....	Salt Lake City, Utah; Grand Junction, Colorado Springs, Colo.; Burlington, Iowa; and Louisville, Ky. (Nov. 1-30, 1914).	do.....	127.74	Do.
Do.....	do.....	Lumberton, N. C. (Dec. 3-4, 1914).	do.....	35.39	Do.
Do.....	do.....	Tennessee, Mississippi, Arkansas, and New Mexico (Jan. 18-31, 1915).	do.....	119.55	Do.



Do.	Do.	Do.	185.54	Do.
Do.	Do.	Do.	30.06	Do.
Do.	Do.	Do.	.64	Do.
Do.	Do.	Do.	49.00	Do.
Do.	Do.	Do.	224.35	Do.
Do.	Do.	Do.	58.62	Do.
Marsden, R. D.	Drainage engineer.	Do.	75.42	Do.
Merritt, Eugene.	Assistant in agricultural education.	Agricultural stations, 1915 (farmers' institutes).	103.38	
Miller, E. A.	Do.	Do.	11.57	Do.
Do.	Do.	Do.	2.35	Do.
Do.	Do.	Do.	19.98	Do.
Do.	Do.	Do.	13.29	Do.
Do.	Do.	Do.	11.45	Do.
Do.	Do.	Do.	10.07	Do.
Do.	Do.	Do.	5.35	Do.
New Mexico, Texas, Louisiana, Alabama, Georgia, and South Carolina (Feb. 1-18, 1915).	Various points in North Carolina (Mar. 17-19, 1915).	To inspect drainage work in progress.		
Beltsville, Md. (Mar. 23, 1915).	Beltsville, Md. (Mar. 29, 1915).	To inspect and supervise the drainage work of the office and consult with department and other engineers regarding the progress of and plans for work.		
Various points in Maryland, Delaware, New Jersey, and New York (Apr. 10-25, 1915).	Various points in Kentucky, Illinois, Georgia, Alabama, and Florida (May 5-21, 1915).	Do.		
Various points in Kentucky (June 14-18, 1915).	Various points in Ohio (June 23-30, 1915).	Do.		
St. Paul, Minneapolis, and other points in Minnesota; La Crosse and Madison, Wis. (Sept. 15-27, 1914).	Morgantown and Grafton, W. Va. (July 1-3, 1914).	To inspect and examine muck lands in various counties in Ohio.		
Annapolis, Md. (Oct. 3, 1914).	Oakland, Md. (Oct. 6-7, 1914).	To cooperate with officials of University of Wisconsin and University of Minnesota in collecting data in relation to agricultural schools.		
Frederick, Md. (Oct. 13-16, 1914).	Denton, Md. (Oct. 22-24, 1914).	To investigate and report on the teaching of agriculture in schools and deliver a series of lectures before the summer school for teachers of agriculture at the University of West Virginia.		
La Plata, Md. (Nov. 3-5, 1914).	Baltimore, Md. (Nov. 18-19, 1914).	To confer with Maryland State superintendents of public instructions in relation to agricultural courses and to obtain information in relation to agricultural schools.		
		To confer with officials of Maryland Agricultural College and State department of agriculture in relation to agricultural education.		
		To cooperate with officials at Maryland Agricultural College and the State department of public instruction in the collection of information in relation to agricultural schools.		
		To investigate and report on the organization and progress of agricultural schools and to conduct other public business relating thereto.		
		To make studies in agricultural education under cooperative agreement between the Department of Agriculture, Maryland, State Agricultural College, and the Maryland State department of education.		
		To make studies in agricultural education under cooperative project with the Maryland department of public instruction and the College of Agriculture and the Office of Experiment Stations.		

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

## OFFICE OF EXPERIMENT STATIONS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Miller, E. A.	Assistant in agricultural education.	Manassas, Va. (Feb. 19, 1915).....	To attend teachers' convention of the eighth congressional district of Virginia and assist in discussion of teaching agriculture in public schools, and to obtain information for use in connection with the work of the department.	\$2.40	Agricultural experiment stations, 1915 (farmers' institutes).
Do.	do.	Annapolis, Md. (Mar. 3, 1915).....	To confer with representatives of Maryland Agricultural College in relation to cooperative agreement with the Maryland Agricultural College and the State department of education.	3.05	Do.
Do.	do.	Montgomery and Auburn, Ala.; Chattanooga, Tenn. (Mar. 30-Apr. 7, 1915).	To deliver address before the Alabama State Teachers' Association at Montgomery on "Agriculture in the elementary schools," and obtain information relating to agricultural education in schools.	73.90	Do.
Do.	do.	Snow Hill, Pocomoke, and Princess Anne, Md. (May 18-21, 1915).	To investigate and report on the organization and progress of agricultural schools.	17.51	Do.
Milner, R. D.	Assistant.	Chicago, New York, and Philadelphia, Pa. (Aug. 3-13, 1914).	To inspect apparatus and appliances for use in nutrition experiments.	83.43	Nutrition investigations, 1915.
Do.	do.	Philadelphia and New York (Jan. 5-8, 1915).	To confer with manufacturers regarding the construction of special apparatus for use in nutrition investigations.	26.50	Do.
Schulte, John I.	Assistant agriculturist.	Various points in New Hampshire, Massachusetts, Rhode Island, Connecticut, and New Jersey (Aug. 20-Sept. 4, 1914).	To inspect and report on the work and expenditures of agricultural experiment stations as required by act of Mar. 2, 1887, and amendatory act.	74.33	Agricultural experiment stations, 1915 (miscellaneous expenses).
Stedman, J. M.	Farmers' institute specialist.	Various points in New York and Massachusetts (Apr. 29-May 20, 1915).	To confer with State and county agricultural agents and institute directors in relation to work of Farmers' Institutes.	181.88	Agricultural experiment stations, 1915 (farmers' institutes).
Do.	do.	Various points in New York (June 11-30, 1915).	To study and report on the comparative effectiveness of different methods of demonstration work.	103.56	Do.
True, A. C.	Director, Office Experiment Stations.	Jefferson City and Columbus, Mo.; Kansas City, Kans.; Denver and Fort Collins, Colo.; and Cheyenne, Wyo. (July 2-31, 1914).	To confer with State and college officials in relation to operation of Smith-Lever Act, and to inspect irrigation work.	117.91	Agricultural experiment stations, 1915 (miscellaneous expenses).
Do.	do.	Raleigh and Greensboro, N. C. (Oct. 2-14, 1914).	To attend and address the twenty-fifth anniversary of the North Carolina Agricultural College, and confer with officials of agricultural experiment stations and colleges.	100.70	Do.

Do.....	Chicago, Ill. (Dec. 4-10, 1914).....	To confer with officers of agricultural colleges and this department engaged in agricultural extension work.	67.80	Do.
Do.....	Athens, Atlanta, and Experiment, Ga. (Jan. 11-16, 1915).....	To confer with officials connected with agricultural extension division of Georgia Agricultural College and the Georgia Experiment Station.	63.15	Do.
Do.....	Chattanooga, Tenn., and Columbus, Ohio (Apr. 23-May 1, 1915).....	To attend conference on agricultural education for purpose of delivering address on relation of agriculture in college curriculum to other studies, and confer with States relations committee and the executive and extension committee of the American Association of Agricultural Colleges and Experiment Stations.	79.93	Do.
Whittlesey, Anna H....	New York, N. Y. (Nov. 21-Dec. 7, 1914)....	To consult with experts regarding proposed experiments in relative utility and economic use of agricultural products for food, clothing and other uses in the home.	41.20	Nutrition 1915.
Do.....	Fairfax Courthouse, Va. (May 14, 1915)....	To deliver address before home economics session of Women's Clubs on the nutrition work of the department.	.90	Do.
Wilcox, E. V.....	Morgantown, W. Va. (June 17-20, 1915)....	To inspect and report on the work and expenditures of the agricultural experiment stations.	25.44	Agricultural experiment stations, 1915 (miscellaneous expenses).

## OFFICE OF PUBLIC ROADS.

Allen, T. Warren.....	Belton, Mont. (July 1-7, 1914).....	To make inspections of various types of road construction and to give advice to the officials of the Interior Department concerning the best methods of road building in national parks.	\$35.25	General expenses, Office of Public Roads, 1915 (investigating road building and maintenance).
Do.....	Hot Springs, S. Dak. (July 8-9, 1914).....	To make inspections of various types of road construction and to give advice to officials of the Forest Service concerning the best methods of road building in United States forest reserves.	46.03	Do.
Do.....	Denver, Colo. (July 10-12, 1914).....	do.....	27.73	Do.
Do.....	Ogden, Utah (July 13-15, 1914).....	do.....	42.35	Do.
Do.....	Albuquerque, N. Mex. (July 16-18, 1914)....	do.....	55.35	Do.
Do.....	Yosemite, Cal. (July 19-31, 1914).....	To make inspections of various types of road construction and to give advice to officials of the Interior Department concerning the best methods of road building in national parks.	121.15	Do.
Do.....	Yosemite, Cal. (Aug. 1-3, 1914).....	do.....	9.75	Do.



*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

## OFFICE OF PUBLIC ROADS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Allen, T. Warren .....	Chief of national park and forest roads.	San Francisco, Cal. (Aug. 4-6, 1914) .....	To make inspections of various types of road construction and to give advice to officials of the Forest Service concerning the best methods of road building in United States forest reserves.	\$30. 75	General expenses, Office of Public Roads, 1915 (investigating road building and maintenance).
Do.....	do.....	Portland, Oreg. (Aug. 7-13, 1914) .....	do.....	70. 10	Do.
Do.....	do.....	Ranier National Park, Wash. (Aug. 14-24, 1914) .....	To make inspections of various types of road construction and to give advice to officials of the Interior Department concerning the best methods of road building in national parks.	46. 30	Do.
Do.....	do.....	Portland, Oreg. (Aug. 25, 1914) .....	To make inspections of various types of road construction and to give advice to officials of the Forest Service concerning the best methods of road building in United States forest reserves.	11. 20	Do.
Do.....	do.....	Belton, Mont. (Aug. 26-Sept. 3, 1914) .....	To make inspections of various types of road construction and to give advice to officials of the Interior Department concerning the best methods of road building in national parks.	52. 30	Do.
Do.....	do.....	Ross Hole, Mont. (Sept. 4-6, 1914) .....	To make inspections of various types of road construction and to give advice to officials of the Forest Service concerning the best methods of road building in United States forest reserves.	40. 15	Do.
Do.....	do.....	Ordan, Utah (Sept. 7-8, 1914) .....	do.....	43. 65	Do.
Do.....	do.....	San Francisco, Cal. (Sept. 9-12, 1914) .....	To make inspections of various types of road construction and to give advice to officials of the Interior Department concerning the best methods of road building in national parks.	62. 65	Do.
Do.....	do.....	Hot Springs, Ark. (Sept. 13-20, 1914) .....	do.....	151. 92	Do.
Do.....	do.....	North Platte, Nebr. (Oct. 9-10, 1914) .....	To give advice and make inspections.	55. 02	Do.
Do.....	do.....	Cheyenne, Wyo. (Oct. 11-13, 1914) .....	do.....	25. 17	Do.
Do.....	do.....	Fort Collins, Colo. (Oct. 14-15, 1914) .....	do.....	7. 20	Do.
Do.....	do.....	Denver, Colo. (Oct. 16, 1914) .....	To make inspections of various types of road construction and to give advice to officials of the Forest Service concerning the best methods of road building in United States forest reserves.	11. 20	Do.

Do.	do.	Garden City, Kans. (Oct. 17, 1914)	To give advice and make inspections.	14.73	Do.
Do.	do.	Grand Junction, Colo. (Oct. 18-20, 1914)	do.	46.08	Do.
Do.	do.	Salt Lake City, Utah (Oct. 21-25, 1914)	To give advice and make inspections; to make inspections of various types of road construction and to give advice to officials of the Forest Service concerning the best methods of road building in United States forest reserves.	46.45	Do.
Do.	do.	Logan, Utah (Oct. 26-27, 1914)	To give advice and make inspections.	14.25	Do.
Do.	do.	Twin Falls, Idaho (Oct. 28-29, 1914)	do.	18.20	Do.
Do.	do.	Boise, Idaho (Oct. 30-Nov. 7, 1914)	To give advice and make inspections; to make inspections of various types of road construction and to give advice to officials of the Forest Service concerning the best methods of road building in United States forest reserves.	45.44	Do.
Do.	do.	Spokane, Wash. (Nov. 8-9, 1914)	To give advice and make inspections.	28.85	Do.
Do.	do.	North Yakima, Wash. (Nov. 10, 1914)	do.	16.85	Do.
Do.	do.	Portland, Ore. (Nov. 11-14, 1914)	To make inspections of various types of road construction and to give advice to officials of the Forest Service concerning the best methods of road building in United States forest reserves.	31.50	Do.
Do.	do.	San Francisco, Cal. (Nov. 15-18, 1914)	To make inspections of various types of road construction and to give advice to officials of the Forest Service concerning the best methods of road building in United States forest reserves; to give advice and make inspections.	47.75	Do.
Do.	do.	Los Angeles, Cal. (Nov. 19-20, 1914)	do.	26.69	Do.
Do.	do.	San Francisco, Cal. (Nov. 21, 1914)	To make inspections of various types of road construction and to give advice to officials of the Interior Department concerning the best methods of road building in national parks.	23.45	Do.
Do.	do.	Yosemite, Cal. (Nov. 22-25, 1914)	do.	27.12	Do.
Do.	do.	San Francisco, Cal. (Nov. 26-27, 1914)	To make inspections of various types of road construction and to give advice to officials of the Forest Service concerning the best methods of road building in United States forest reserves.	25.18	Do.
Do.	do.	Albuquerque, N. Mex. (Nov. 28-30, 1914)	do.	73.05	Do.
Do.	do.	Roswell, N. Mex. (Dec. 1-5, 1914)	To give advice and make inspections.	84.80	Do.
Do.	do.	Garden City, N. Y. (Jan. 18, 1915)	do.	21.72	Do.
Do.	do.	Ridgewood, N. J. (Jan. 19-21, 1915)	do.	24.45	Do.
Do.	do.	Oakland, Cal. (Mar. 7-17, 1915)	To make inspections of various types of road construction and to give advice to officials of the Interior Department concerning the best methods of road building in national parks.	152.60	Do.
Do.	do.	Chico, Cal. (Mar. 18, 1915)	To give advice and make inspections.	13.70	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

## OFFICE OF PUBLIC ROADS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Allen, T. Warren.....	Chief of national park and forest roads.	Portland, Oreg. (Mar. 19-25, 1915).....	To make inspections of various types of road construction and to give advice to officials of the Forest Service concerning the best methods of road building in United States forest reserves.	\$59.05	General expenses, Office of Public Roads, 1915 (investigating road building and maintenance).
Do.....	do.....	Ogden, Utah (Mar. 26-Apr. 1, 1915).....	do.....	64.60	Do.
Do.....	do.....	Denver, Colo. (Apr. 2-18, 1915).....	do.....	110.90	Do.
Do.....	do.....	Albuquerque, N. Mex. (Apr. 19-23, 1915).....	do.....	45.75	Do.
Do.....	do.....	Yosemite, Cal. (Apr. 24-May 3, 1915).....	To make inspections of various types of road construction and to give advice to officials of the Interior Department concerning the best methods of road building in national parks.	99.90	Do.
Do.....	do.....	San Francisco, Cal. (May 4-23, 1915).....	To make inspections of various types of road construction and to give advice to officials of the Forest Service and of the Interior Department concerning the best methods of road building in forest reserves and national parks.	118.60	Do.
Do.....	do.....	Portland, Oreg. (May 24-June 8, 1915).....	To make inspections of various types of road construction and to give advice to officials of the Forest Service concerning the best methods of road building in United States forest reserves.	119.30	Do.
Do.....	do.....	Belton, Mont. (June 9-29, 1915).....	To make inspections of various types of road construction and to give advice to officials of the Interior Department concerning the best methods of road building in national parks.	122.15	Do.
Do.....	do.....	Sheridan, Wyo. (June 30, 1915).....	To make inspections of various types of road construction and to give advice to officials of the Forest Service concerning the best methods of road building in United States forest reserves.	30.09	Do.
Anderton, B. A.....	Assistant chemist.....	Bayonne, N. J. (July 1-9, 1914).....	To supervise inspection of bituminous material.	51.80	General expenses, Office of Public Roads, 1915 (road material).
Do.....	do.....	Rockville, Md. (Aug. 4, 1914).....	do.....	.25	Do.
Do.....	do.....	Chevy Chase, Md. (Aug. 5, 1914).....	To furnish expert advice and cooperation on construction of road.	.50	Do.
Do.....	do.....	Richmond, Va. (Aug. 12-27, 1914).....	do.....	90.25	Do.



Do.....	do.....	Chevy Chase, Md., and return, 28 trips (Oct. 12, 1914-Mar. 26, 1915).....	9.22	Do.
Do.....	do.....	Richmond, Va. 2 trips (Dec. 19, 1914, and Mar. 3-4, 1915).....	27.40	Do.
Do.....	do.....	Ocala, Fla. (May 23-June 13, 1915).....	131.83	Do.
Barber, E. H.....	Senior highway engineer.....	Springfield and Boston, Mass. (Aug. 19-22, 1914).....	34.35	General expenses, Office of Public Roads, 1915 (road management).
Do.....	do.....	Portland, Augusta, and Brighton, Me. (Aug. 23-31, 1914).....	34.00	Do.
Do.....	do.....	Providence, R. I. (Sept. 4-5, 1914).....	7.90	Do.
Do.....	do.....	Boston, Mass. (Sept. 6-7, 1914).....	12.26	Do.
Do.....	do.....	Providence, R. I. (Sept. 8-10, 1914).....	12.10	Do.
Do.....	do.....	Boston, Mass. (Sept. 11-14, 1914).....	14.76	Do.
Do.....	do.....	Concord, N. H. (Sept. 15-19, 1914).....	20.25	Do.
Do.....	do.....	Montpelier and Franklin, Vt. (Sept. 20-22, 1914).....	16.15	Do.
Do.....	do.....	Boston, Mass. (Sept. 23-28, 1914).....	22.90	Do.
Do.....	do.....	Hartford, Conn. (Sept. 29-Oct. 7, 1914).....	51.23	Do.
Do.....	do.....	Philadelphia, Lancaster, and Harrisburg, Pa. (Oct. 8-29, 1914).....	129.96	Do.
Do.....	do.....	Trenton, Elizabeth, and Plainfield, N. J. (Oct. 30-31, 1914).....	25.29	Do.
Do.....	do.....	New York, Albany, and White Plains, N. Y. (Nov. 1-21, 1914).....	135.58	Do.
Do.....	do.....	Boston, Mass. (Nov. 22-Dec. 9, 1914).....	65.99	Do.
Do.....	do.....	New York and Albany, N. Y. (Dec. 10-19, 1914).....	31.65	Do.
Do.....	do.....	Boston, Mass. (Dec. 20, 1914-Mar. 3, 1915).....	255.97	Do.
Do.....	do.....	Albany, N. Y. (Mar. 4-10, 1915).....	57.65	Do.
Do.....	do.....	Frankfort, Ky. (Mar. 22-June 30, 1915).....	244.12	Do.
Barbour, I. W.....	do.....	Rockland, Me. (Aug. 27-28, 1914).....	7.68	General expenses, Office of Public Roads, 1915 (investigating road building and maintenance).
Beebe, L. L.....	Assistant mechanical engineer.....	Cleveland, Ohio (July 1-11, 1914).....	52.80	General expenses, Office of Public Roads, 1915 (field experiments).
Do.....	do.....	Detroit, Mich. (July 12-31, 1914).....	111.42	Do.
Do.....	do.....	Cleveland, Ohio (Aug. 1-Sept. 3, 1914).....	106.06	Do.
Do.....	do.....	Mount Sterling, Ky. (Sept. 4-13, 1914).....	48.31	Do.
Do.....	do.....	Clarksville, Tenn. (Sept. 14-22, 1914).....	63.06	Do.
Do.....	do.....	Rockville, Md. (Feb. 10-11, 1915).....	4.20	Do.
Do.....	do.....	Alexandria County, Va. (Apr. 7, 1915).....	7.55	Do.
Boykin, L. E.....	Assistant in road economic investigations.....	Middleton, Tenn. (July 24-27, 1914).....	68.10	General expenses, Office of Public Roads, 1915 (road management).
Do.....	do.....	Alexandria, Va. (Aug. 6, 1914).....	.30	Do.
		To supervise the taking of moving pictures of post road.....		
		To supervise construction and calibration of dynamometer car.....		
		To test power required to operate automobile over post road at this point.....		
		To deliver lectures on road management and to demonstrate models of road and bridge construction.....		
		To give advice and make inspections.....		

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

## OFFICE OF PUBLIC ROADS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Boykin, L. E.	Assistant in road economic investigations.	Grand Rapids, Mich. (Aug. 30-Sept. 9, 1914).	To deliver lectures on road management and to demonstrate models of road and bridge construction.	\$83.42	General expenses, Office of Public Roads, 1915 (road management).
Do.	do.	Nashville, Tenn. (Jan. 3-13, 1915).	do.	133.95	Do.
Do.	do.	Union, S. C. (Jan. 22-23, 1915).	do.	36.40	Do.
Do.	do.	Purcellville, Va. (Feb. 26, 1915).	do.	3.79	Do.
Do.	do.	Kenova, W. Va. (Mar. 3-4, 1915).	do.	18.60	Do.
Do.	do.	Evansville, Ind. (Mar. 5-7, 1915).	do.	51.46	Do.
Do.	do.	Butler and Kittanning, Pa. (Mar. 23-25, 1915).	do.	37.04	Do.
Do.	do.	Cheraw and Columbia, S. C. (Apr. 23-May 2, 1915).	do.	44.10	Do.
Do.	do.	West Chester, Pa. (May 22, 1915).	do.	12.58	Do.
Do.	do.	Jackson, Miss. (June 9-12, 1915).	do.	62.71	Do.
Brinard, A. S.	Senior highway engineer.	Hartford, Conn. (Mar. 14, 1915).	To make research investigations relative to road management and to gather general statistical data on this subject.	8.15	Do.
Do.	do.	Portland, Me. (May 29-June 22, 1915).	To deliver lectures on road management and to demonstrate models of road and bridge construction.	98.00	Do.
Do.	do.	Augusta, Me. (June 23-29, 1915).	To make an investigation of State highway systems.	18.95	Do.
Do.	do.	Cherryfield, Me. (June 30, 1915).	do.	6.25	Do.
Childs, O. W.	do.	St. Louis, Pike, and Franklin Counties, Chillicothe, and Kansas City, Mo. (July 25-Sept. 29, 1914).	do.	313.93	Do.
Do.	do.	Durham, N. C. (Mar. 5-9, 1915).	To give advice and make inspections.	34.10	General expenses, Office of Public Roads, 1915 (investigating road building and maintenance).
Do.	do.	Winchester, Va. (June 23-29, 1915).	do.	9.38	Do.
Cilley, Morgan.	Assistant mechanical engineer.	Newark and Zanesville, Ohio (Mar. 1-9 and June 13-15, 1915).	To test expansion and contraction of concrete roadways.	87.78	General expenses, Office of Public Roads, 1915 (road material).
Do.	do.	Troy, Ohio (June 19-23, 1915).	To secure data relative to construction and operation of traction trailers.	32.06	Do.
Cline, W. S.	Photographer.	Portland, Me. (Oct. 23-25, 1914).	To take moving pictures of post road.	37.05	General expenses, Office of Public Roads, 1915 (road management).

Daniels, A. M.	Assistant mechanical engineer.	Alexandria, Va. (July 22, 1914).	To make traction tests on post road.	.60
Do.	do.	Dubuque, Iowa (July 26-Aug. 5, 1914).	do.	90.08
Do.	do.	Clarksville, Tenn. (Sept. 17-30, 1914).	do.	106.02
Do.	do.	New York, N. Y. (Apr. 10-12, 1915).	To attend demonstration of special refrigerator apparatus.	21.05
Eastham, R. F.	Highway engineer.	Marshall, Asheville, Charlotte, and Statesville, N. C. (Oct. 28-Nov. 24, 1914).	To make an investigation of State highway systems.	164.72
Do.	do.	Atlanta and Savannah, Ga. (Jan. 21-30, 1915).	do.	90.66
Do.	do.	Tampa and Ocala, Fla. (Jan. 31-Feb. 14, 1915).	do.	126.01
Do.	do.	Waycross, Columbus, and Fulton County, Ga. (Feb. 15-Mar. 5, 1915).	do.	139.65
Do.	do.	Union, S. C. (Mar. 11-30, 1915).	do.	84.51
Do.	do.	Berkeley Springs, W. Va. (Apr. 8, 1915).	do.	4.27
Do.	do.	Frederick, Westminster, Baltimore, and Thurmont, Md. (Apr. 9-21, 1915).	do.	75.00
Do.	do.	Owensboro and Paducah, Ky. (June 2-29, 1915).	do.	164.03
Do.	do.	Jackson, Tenn. (June 30, 1915).	do.	10.07
Eldridge, J. H.	Superintendent of road construction.	New York, N. Y. (Dec. 30, 1914-Jan. 11, 1915).	To demonstrate models of road and bridge construction.	71.40
Do.	do.	Miami, Fla. (Mar. 26-May 7, 1915).	To supervise the construction of object-lesson road.	215.85
Do.	do.	Richmond, Va. (May 12-June 30, 1915).	do.	70.48
Eldridge, M. O.	Assistant in charge of road management.	Springfield, Va. (July 1, 1914).	To deliver lectures on road management and to demonstrate models of road and bridge construction.	.60
Do.	do.	Valley City, N. Dak. (July 7-9, 1914).	do.	56.52
Do.	do.	Cleveland, Ohio (July 10-12, 1914).	do.	43.07
Do.	do.	St. Joseph, Holland, Muskogon, Traverse City, Petosky, and Mackinaw City, Mich. (July 13-20, 1914).	do.	78.53
Do.	do.	Columbus, Ohio (Aug. 29-Sept. 5, 1914).	do.	66.70
Do.	do.	Rockville and Baltimore, Md. (Sept. 17 and 19, 1914).	do.	7.65
Do.	do.	Mount Jackson, Va. (Sept. 24, 1914).	do.	9.15
Do.	do.	Rockville, Md. (Oct. 1-2, 1914).	do.	5.00
Do.	do.	Haddonfield, N. J. (Oct. 9, 1914).	do.	28.68
Do.	do.	Yarmouth, Me. (Oct. 23-25, 1914).	do.	40.55
Do.	do.	Fredericksburg, Va. (Oct. 19-21, 1914).	do.	18.55
Do.	do.	Beckley, W. Va. (Oct. 28, 1914).	do.	27.80
Do.	do.	Atlanta, Ga. (Nov. 5-14, 1914).	do.	86.53
Do.	do.	San Francisco, Cal. (Dec. 1, 1914-June 30, 1915).	do.	6.95
General expenses, Office of Public Roads, 1915 (field experiments).				
Do.				90.08
Do.				106.02
Do.				21.05
General expenses, Office of Public Roads, 1915 (road management).				
Do.				164.72
Do.				90.66
Do.				126.01
Do.				139.65
Do.				84.51
Do.				4.27
Do.				75.00
Do.				164.03
Do.				10.07
Do.				71.40
General expenses, Office of Public Roads, 1915 (road material).				
Do.				215.85
Do.				70.48
General expenses, Office of Public Roads, 1915 (road management).				
Do.				.60
Do.				56.52
Do.				43.07
Do.				78.53
Do.				66.70
Do.				7.65
Do.				9.15
Do.				5.00
Do.				28.68
Do.				40.55
Do.				18.55
Do.				27.80
Do.				86.53
Do.				6.95



*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

OFFICE OF PUBLIC ROADS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Fairbank, H. S.	Highway engineer	Waynesboro, Va. (July 1, 1914)	To supervise the construction of object-lesson road.	\$5.35	General expenses, Office of Public Roads, 1915 (investigating road building and maintenance).
Do.	do.	Alexandria County, Va. (13 trips; July 6-27, 1914).	To make survey on Mount Vernon Avenue experimental road.	5.40	Do.
Do.	do.	New York, New Jersey, Michigan, Minnesota, Colorado, Wyoming, Utah, California, Oregon, Washington, Arizona, and New Mexico. (Sept. 18-Nov. 19, 1914).	To investigate convict labor.	702.19	Do.
Do.	do.	Texas, Alabama, Georgia, Florida, South Carolina, and North Carolina (Jan. 4-Mar. 3, 1915).	do.	438.81	Do.
Do.	do.	Charlottesville and Richmond, Va. (Apr. 19 and June 2, 1915).	do.	17.75	General expenses, Office of Public Roads, 1915 (road management).
Do.	do.	Martinsburg, W. Va. (June 22, 1915).	do.	9.26	Do.
Georgens, G. R.	Photographer.	Zanesville, Ohio (July 17-21, 1914).	To take moving pictures of post road.	38.85	Do.
Do.	do.	Rockville, Md., and return, 3 trips (Sept. 17-Oct. 2, 1914).	do.	6.07	Do.
Do.	do.	Zanesville, Ohio (Oct. 18-22, 1914).	do.	46.19	Do.
Grover, O. L.	Bridge engineer.	Swainboro, N. H. (July 17-19, 1914).	To give advice and make inspections.	40.55	General expenses, Office of Public Roads, 1915 (investigating road building and maintenance).
Do.	do.	Durham, N. C. (Aug. 5, 1914).	do.	21.65	Do.
Do.	do.	Charleston, S. C. (Oct. 6-8, 1914).	do.	41.30	Do.
Do.	do.	Durham, N. C. (Nov. 10, 1914).	do.	21.05	Do.
Do.	do.	Ithaca, N. Y. (Feb. 16-17, 1915).	do.	19.86	Do.
Do.	do.	Ann Arbor, Mich. (Feb. 18-19, 1915).	do.	38.49	Do.
Do.	do.	Bowling Green and Elkton, Ky. (Mar. 22-24, 1915).	do.	32.83	Do.
Do.	do.	Clarksville, Tenn. (Mar. 25-26, 1915).	do.	32.72	Do.
Heidel, B. F.	Senior highway engineer.	Florence, Ala. (July 1-2, 1914).	To supervise the construction of post road.	11.50	Do.
Do.	do.	Greenwood, Miss. (July 3-6, 1914).	do.	26.49	Do.
Do.	do.	Gulfport, Miss. (July 7-8, 1914).	To supervise the construction of object-lesson road.	17.73	Do.
Do.	do.	Florence, Ala. (July 9-10, 1914).	To supervise the construction of post road.	20.91	Do.
Do.	do.	Mount Sterling, Ky. (July 11-18, 1914).	do.	71.01	Do.

Do.	do.	Alten, S. C. (Sept. 20-Oct. 6, 1914).	do.	To give advice and make inspections.	63.35	Do.
Do.	do.	The Plains, Va. (Oct. 13, 1914).	do.	do.	2.90	Do.
Do.	do.	Pittsburgh, Pa. (Oct. 21-26, 1914).	do.	do.	32.85	Do.
Do.	do.	Zanesville, Ohio (Oct. 27-31, 1914).	do.	do.	38.32	Do.
Do.	do.	Welch, W. Va. (Nov. 1-3, 1914).	do.	do.	26.44	Do.
Do.	do.	Bowling Green, Ky. (Nov. 4-7, 1914).	do.	do.	23.91	Do.
Do.	do.	Dodge City, Kans. (Nov. 8-11, 1914).	do.	do.	27.93	Do.
Do.	do.	Woodward, Okla. (Nov. 12-15, 1914).	do.	do.	16.88	Do.
Do.	do.	Knoxville, Tenn. (Nov. 16-21, 1914).	do.	To supervise the construction of post road.	57.58	Do.
Do.	do.	Old Fort and Statesville, N. C. (Nov. 22-27, 1914).	do.	do.	41.35	Do.
Do.	do.	Alten, S. C. (Mar. 25-Apr. 5, 1915).	do.	do.	61.85	Do.
Do.	do.	Atlanta, Ga. (Apr. 6-30, 1915).	do.	do.	128.52	Do.
Do.	do.	Winston-Salem, N. C. (May 1-June 11, 1915).	do.	do.	105.21	Do.
Do.	do.	Asheville, N. C. (June 12-16, 1915).	do.	To supervise the construction of object-lesson road.	64.19	Do.
Do.	do.	Greenville, N. C. (June 17-26, 1915).	do.	To prepare general plans and specifications for the improvement and maintenance of county roads.	8.60	Do.
Do.	do.	Burlington, N. C. (June 27, 1915).	do.	To supervise the construction of object-lesson road.	2.90	Do.
Do.	do.	Greenville, N. C. (June 28-30, 1915).	do.	To prepare general plans and specifications for the improvement and maintenance of county roads.	12.90	Do.
Hendley, H. W.	Model maker.	New York, N. Y. (Nov. 9-10, 1914).	do.	To demonstrate models of road and bridge construction.	19.75	General expenses, Office of Public Roads, 1915 (road management).
Holder, H.	Laborer.	Rockville, Md., 2 trips (Aug. 1-4, 1914).	do.	To secure samples of metal culverts for chemical tests.	2.00	General expenses, Office of Public Roads, 1915 (road management).
Jackson, F. H., jr.	Laboratory assistant.	Newark, Ohio (July 1-Aug. 8, 1914).	do.	To measure the expansion and contraction of concrete roads.	131.44	Do.
Do.	do.	Newark, Zanesville, Mount Sterling, Ohio (Oct. 24-Nov. 11, 1914).	do.	do.	87.19	Do.
Do.	do.	Newark, Zanesville, Mount Sterling, Ohio (Mar. 2-7, 1915).	do.	do.	55.66	Do.
James, E. W.	Chief of maintenance.	Zanesville, Newark, Ohio (June 13-18, 1915).	do.	do.	57.04	Do.
Do.	do.	Bethesda, Md., 2 trips (July 1, 3, 1914).	do.	To make investigation of road maintenance.	.40	General expenses, Office of Public Roads, 1915 (investigating road building and maintenance).
Do.	do.	New Bedford, Boston, Worcester, Springfield, Mass. (July 7-15, 1914).	do.	do.	53.85	Do.
Do.	do.	Augusta, Athens, Ga. (July 20-21, 1914).	do.	do.	34.80	Do.
Do.	do.	Greenville, Tenn. (July 22-25, 1914).	do.	do.	20.22	Do.
Do.	do.	Rockville, Md. (July 29-30, 1914).	do.	do.	3.20	Do.
Do.	do.	New York, Ossining, Syracuse, Albany, Schenectady, Troy, Nassau, N. Y. (Aug. 2-23, 1914).	do.	do.	87.00	Do.
Do.	do.	Bethesda, Md. (Aug. 27-28, 1914).	do.	do.	.85	Do.
Do.	do.	Rockland, Portland, Me. (Sept. 1-4, 1914).	do.	To give advice and make inspections.	33.45	Do.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

## OFFICE OF PUBLIC ROADS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
James, E. W.	Chief of maintenance.	Concord, Pittsfield, N. H. (Sept. 5-6, 1914).	To make investigation of road maintenance.	\$7.71	General expenses, Office of Public Roads, 1915 (investigating road building and maintenance).
Do.	do.	Boston, Sagamore, Mass. (Sept. 7-8, 1914).	do.	13.84	Do.
Do.	do.	Keene, N. H. (Sept. 9, 1914).	do.	6.10	Do.
Do.	do.	Boston, Mass. (Sept. 10, 1914).	do.	14.60	Do.
Do.	do.	Bethesda, Md., 4 trips (Sept. 11-21, 1914).	do.	2.50	Do.
Do.	do.	Hume, Va. (Sept. 14, 1914).	do.	.20	Do.
Do.	do.	Chevy Chase, Md., 2 trips (Sept. 16-22, 1914).	do.	.80	Do.
Do.	do.	Frederick, Md. (Sept. 19, 1914).	do.	3.49	Do.
Do.	do.	Fredericksburg, Lynchburg, Nouchs, Va. (Sept. 20-Oct. 2, 1914).	do.	46.50	Do.
Do.	do.	Raleigh, N. C. (Oct. 8-9, 1914).	To give advice and make inspections.	13.70	Do.
Do.	do.	Columbia, Charleston, S. C. (Oct. 10-12, 1914).	do.	16.05	Do.
Do.	do.	Savannah, Ga. (Oct. 13-14, 1914).	do.	11.45	Do.
Do.	do.	Montgomery, Ala. (Oct. 15, 1914).	do.	16.21	Do.
Do.	do.	Gulphort, Collins, Storkville, Miss. (Oct. 16-19, 1914).	do.	37.68	Do.
Do.	do.	New Orleans, Houma, La. (Oct. 20-23, 1914).	do.	41.53	Do.
Do.	do.	Little Rock, Ark. (Oct. 24, 1914).	do.	27.55	Do.
Do.	do.	Houston, Corpus Christi, Brownsville and San Antonio, Tex. (Oct. 25-Nov. 2, 1914).	do.	119.35	Do.
Do.	do.	Las Cruces, N. Mex. (Nov. 3-7, 1914).	do.	24.70	Do.
Do.	do.	Mesa, Ariz. (Nov. 8-9, 1914).	do.	21.85	Do.
Do.	do.	Calexico, Los Angeles and San Francisco, Cal. (Nov. 10-14, 1914).	do.	60.90	Do.
Do.	do.	Spokane, Wash. (Nov. 15-19, 1914).	do.	64.55	Do.
Do.	do.	Louisville, Ky. (Nov. 20-24, 1914).	do.	101.80	Do.
Do.	do.	Baltimore, Md. (Dec. 2, 1914).	do.	2.05	Do.
Do.	do.	Moorestown, N. J. (Dec. 3, 1914).	do.	6.45	Do.
Do.	do.	Bethesda, Md., 2 trips (Dec. 9-12, 1914).	To make investigation of road maintenance.	1.15	Do.
Do.	do.	Baltimore, Md. (Dec. 22, 1914).	To give advice and make inspections.	2.95	Do.
Do.	do.	Bethesda, Md., 2 trips (Jan. 8-9, 1915).	To make investigation of road maintenance.	.80	Do.
Do.	do.	Raleigh, N. C. (Jan. 11-12, 1915).	do.	20.25	Do.
Do.	do.	Bethesda, Md., 6 trips (Jan. 19-28, 1915).	do.	2.30	Do.
Do.	do.	Petersburg, Va. (Jan. 29-30, 1915).	do.	14.15	Do.



Do.	do.	20.75	Do.
Do.	do.	43.20	Do.
Do.	do.	.40	Do.
Do.	do.	6.14	Do.
Do.	To give advice and make inspections	.30	Do.
Do.	To make investigation of road maintenance	3.30	Do.
Do.	do.	9.00	Do.
Do.	do.	17.92	Do.
Do.	do.	7.55	Do.
Do.	do.	112.40	Do.
Do.	To give advice and make inspections	40.05	Do.
Do.	do.	3.56	Do.
Do.	To make investigation of road maintenance	1.65	Do.
Do.	do.	5.05	Do.
Do.	do.	13.20	Do.
Do.	do.	.50	Do.
Do.	do.	.25	Do.
Do.	do.	3.85	Do.
Do.	do.	8.31	Do.
Do.	do.	12.45	Do.
Do.	do.	20	Do.
Do.	General expenses, Office of Public Roads, 1915 (field experiments).	270.29	Do.
Do.	do.	7.85	Do.
Do.	do.	261.01	Do.
Do.	do.	190.47	Do.
Do.	do.	184.37	Do.
Do.	do.	5.70	Do.
Do.	do.	222.47	Do.
Do.	do.	59.56	Do.
Do.	General expenses, Office of Public Roads, 1915 (road material).	151.44	Do.
Do.	do.	7.38	Do.
Do.	do.	35.02	Do.
Do.	do.	68.72	Do.

Columbia, S. C. (Jan. 31-Feb. 1, 1915)	do.	20.75	Do.
Atlanta and Savannah, Ga. (Feb. 2-4, 1915)	do.	43.20	Do.
Chevy Chase, Md., 2 trips (Feb. 11-12, 1915)	do.	.40	Do.
Winchester, Va. (Feb. 16, 1915)	do.	6.14	Do.
Alexandria County, Va. (Mar. 1, 1915)	do.	.30	Do.
Montgomery County, Md., 3 trips (Mar. 3, 5, 9, 1915)	do.	3.30	Do.
Various points in Virginia (Mar. 12-14, 1915)	do.	9.00	Do.
Various points in North Carolina (Mar. 15-17, 1915)	do.	17.92	Do.
Various points in South Carolina (Mar. 18-19, 1915)	do.	7.55	Do.
Various points in Florida (Mar. 20-Apr. 3, 1915)	do.	112.40	Do.
Various points in Georgia (Apr. 4-8, 1915)	do.	40.05	Do.
Montgomery County, Md., 3 trips (Apr. 12-27, 1915)	do.	3.56	Do.
Alexandria County, Va. (Apr. 19, 1915)	do.	1.65	Do.
Fairfax County, Va. (Apr. 20, 1915)	do.	5.05	Do.
Montgomery County, Md., 7 trips (May 3-28, 1915)	do.	13.20	Do.
Various points in South Carolina (May 5-7, 1915)	do.	.50	Do.
Fairfax County, Va. (May 10, 1915)	do.	.25	Do.
Alexandria County, Va. (May 18, 1915)	do.	3.85	Do.
Fairfax County, Va., 3 trips (May 19-22, 1915)	do.	8.31	Do.
Montgomery County, Md., 16 trips (June 1-29, 1915)	do.	12.45	Do.
Oceana, and various points in Princess Anne County, Va. (June 10, 1915)	do.	20	Do.
Alexandria County, Va. (June 30, 1915)	do.	270.29	Do.
Dubuque, Ames, and Des Moines, Iowa (July 5-Aug. 5, 1914)	do.	7.85	Do.
Kansas City, Kans. (Aug. 9, 1914)	do.	261.01	Do.
Austin, Tex. (Aug. 10-Sept. 18, 1914)	do.	190.47	Do.
Florence, Ala. (Sept. 19-Oct. 18, 1914)	do.	184.37	Do.
Ames, Iowa (Oct. 19-Nov. 10, 1914)	do.	5.70	Do.
Rockville, Md. (Feb. 10-11, 1915)	do.	222.47	Do.
Aiken, S. C. (Mar. 19-Apr. 17, 1915)	do.	59.56	Do.
Old Fort, N. C. (Apr. 18-May 1, 1915)	do.	151.44	Do.
Bayonne, N. J., 5 trips (July 1, 1914-Mar. 30, 1915)	To inspect bituminous material to be used on post roads and experimental roads constructed under supervision of the Office of Public Roads.	7.38	Do.
Baltimore, Md. (Apr. 6-7, 1915)	do.	35.02	Do.
Bayonne and Maurer, N. J. (Apr. 10-14, 1915)	do.	68.72	Do.
Bayonne, N. J., 3 trips (Apr. 25-June 14, 1915)	do.		Do.

Do.	do.	20.75	Do.
Do.	do.	43.20	Do.
Do.	do.	.40	Do.
Do.	do.	6.14	Do.
Do.	do.	.30	Do.
Do.	do.	3.30	Do.
Do.	do.	9.00	Do.
Do.	do.	17.92	Do.
Do.	do.	7.55	Do.
Do.	do.	112.40	Do.
Do.	do.	40.05	Do.
Do.	do.	3.56	Do.
Do.	do.	1.65	Do.
Do.	do.	5.05	Do.
Do.	do.	13.20	Do.
Do.	do.	.50	Do.
Do.	do.	.25	Do.
Do.	do.	3.85	Do.
Do.	do.	8.31	Do.
Do.	do.	12.45	Do.
Do.	do.	20	Do.
Do.	do.	270.29	Do.
Do.	do.	7.85	Do.
Do.	do.	261.01	Do.
Do.	do.	190.47	Do.
Do.	do.	184.37	Do.
Do.	do.	5.70	Do.
Do.	do.	222.47	Do.
Do.	do.	59.56	Do.
Do.	do.	151.44	Do.
Kamrass, B.	Aid.	7.38	Do.
Do.	do.	35.02	Do.
Do.	do.	68.72	Do.

Johnson, Elmer	Assistant mechanical engineer.	20.75	Do.
Do.	do.	43.20	Do.
Do.	do.	.40	Do.
Do.	do.	6.14	Do.
Do.	do.	.30	Do.
Do.	do.	3.30	Do.
Do.	do.	9.00	Do.
Do.	do.	17.92	Do.
Do.	do.	7.55	Do.
Do.	do.	112.40	Do.
Do.	do.	40.05	Do.
Do.	do.	3.56	Do.
Do.	do.	1.65	Do.
Do.	do.	5.05	Do.
Do.	do.	13.20	Do.
Do.	do.	.50	Do.
Do.	do.	.25	Do.
Do.	do.	3.85	Do.
Do.	do.	8.31	Do.
Do.	do.	12.45	Do.
Do.	do.	20	Do.
Do.	do.	270.29	Do.
Do.	do.	7.85	Do.
Do.	do.	261.01	Do.
Do.	do.	190.47	Do.
Do.	do.	184.37	Do.
Do.	do.	5.70	Do.
Do.	do.	222.47	Do.
Do.	do.	59.56	Do.
Do.	do.	151.44	Do.
Do.	do.	7.38	Do.
Do.	do.	35.02	Do.
Do.	do.	68.72	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

## OFFICE OF PUBLIC ROADS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
McCormick, E. B.....	Mechanical engineer...	Cleveland, Ohio (July 9-11, 1914).....	To supervise construction and calibration of dynamometer car.	\$31. 25	General expenses, Office of Public Roads, 1915 (field experiments).
Do.....	do.....	Detroit, Mich. (July 12-13, 1914).....	do.....	10. 35	Do.
Do.....	do.....	Cleveland, Ohio (July 14, 1914).....	do.....	11. 97	Do.
Do.....	do.....	Dubuque, Iowa (July 15-17, 1914).....	To inspect traction tests to be made on post road.	66. 42	Do.
Do.....	do.....	Detroit, Mich. (July 29-30, 1914).....	To supervise construction and calibration of dynamometer car.	47. 90	Do.
Do.....	do.....	Chicago, Ill. (Dec. 27-30, 1914).....	To read paper on traction tests before eighth annual meeting of American Society of Agricultural Engineers.	41. 09	General expenses, Office of Public Roads, 1915 (road management).
Do.....	do.....	Ames, Iowa (Dec. 31, 1914-Jan. 3, 1915).....	To read paper giving results of traction tests made on Iowa post road and other points.	50. 24	Do.
Do.....	do.....	Chicago and Princeton, Ill. (Feb. 8-12, 1915).	To attend meeting of American Concrete Institute and read a paper on concrete slab test; to inspect poultry packing-plant methods to assist food research laboratory, Bureau of Chemistry, Philadelphia, Pa., in conducting its work along those lines.	50. 81	General expenses, Office of Public Roads, 1915 (road material).
Do.....	do.....	Indianapolis, Ind. (Feb. 13-16, 1915).....	To inspect poultry packing-plant methods and assist food-research laboratory, Bureau of Chemistry, Philadelphia, Pa., in conducting its work along those lines.	32. 65	Do.
Do.....	do.....	Nashville and Murfreesboro, Tenn. (Feb. 17, 1915).	do.....	13. 29	Do.
Do.....	do.....	Shelbyville, Harrodsburg, and Lexington, Ky. (Feb. 18-21, 1915).	do.....	46. 71	Do.
Do.....	do.....	Stillwater and Oklahoma City, Okla. (May 11-17, 1915).	To secure men for temporary appointment as assistant agricultural engineers for field work in connection with cooperative investigations on separators and to secure information relative to rural engineering subjects.	83. 40	General expenses, Office of Public Roads, 1915 (field experiments).
Do.....	do.....	Manhattan, Kans. (May 18, 1915)	do.....	14. 75	Do.
Do.....	do.....	Ames, Iowa (May 19-20, 1915).....	do.....	40. 33	Do.
Do.....	do.....	Waynesboro, Pa. (June 14-15, 1915).....	To visit Frick Manufacturing Co. and examine grain separators under construction and to give advice which might be useful to prevent explosions in same.	28. 45	Do.

McMahon, D. J.....	Student assistant.....	Montgomery County, Md., 4 trips (Apr. 2-10, 1915).	To clean out and prepare expansion and traction plugs used on experimental road.	3. 45	General expenses, Office of Public Roads, 1915 (road material).
Page, L. W. ....	Director.....	Atlantic City, N. J. (July 1-3, 1914).....	To attend convention of American Society for Testing Materials.	13. 75	General expenses, Office of Public Roads, 1915 (administrative expenses).
Do.....	do.....	Richmond, Va. (Oct. 15-16, 1914).....	To address American Bankers' Association....	15. 00	Do.
Do.....	do.....	Richmond, Va. (Apr. 8-12, 1915).....	To confer with State highway officials in regard to establishment of model convict camp in State of Virginia.	14. 10	Do.
Do.....	do.....	Atlantic City, N. J. (June 22-27, 1915).....	To attend convention of American Society for Testing Materials.	38. 25	Do.
Passé, Deme.....	Clerk.....	Portland, Oreg. (July 27-Aug. 25, 1914).....	To perform clerical and stenographic work....	149. 25	Do.
Pierce, V. M. ....	Chief of construction..	Boston, Mass. (Oct. 4-5, 1914).....	To give advice and make inspections.....	20. 50	General expenses, Office of Public Roads, 1915 (investigating road building and maintenance).
Do.....	do.....	Portland and Yarmouth, Me. (Oct. 6, 1914).....	do.....	7. 15	Do.
Do.....	do.....	Boston, Mass. (Oct. 7-8, 1914).....	do.....	6. 20	Do.
Do.....	do.....	New York and Jamaica, N. Y. (Oct. 9-10, 1914).....	do.....	13. 10	Do.
Do.....	do.....	Ridgewood, N. J. (Oct. 11, 1914).....	do.....	19. 05	Do.
Do.....	do.....	Baltimore, Md. (Oct. 26, 1914).....	do.....	2. 95	Do.
Do.....	do.....	Alexandria, Va. (Nov. 12, 1914).....	do.....	95	Do.
Do.....	do.....	Various points in Texas (May 12-20, 1915).....	do.....	102. 60	Do.
Do.....	do.....	Various points in Louisiana (May 21-22, 1915).....	do.....	19. 80	Do.
Do.....	do.....	Various points in Mississippi (May 23-24, 1915).....	do.....	26. 45	Do.
Do.....	do.....	Various points in Tennessee (May 25-28, 1915).....	do.....	49. 46	Do.
Do.....	do.....	Various points in Georgia (May 29-31, 1915).....	do.....	22. 85	Do.
Do.....	do.....	Various points in South Carolina (June 1, 1915).....	do.....	6. 75	Do.
Do.....	do.....	Various points in North Carolina (June 2-3, 1915).....	do.....	36. 55	Do.
Pennybacker, J. E.....	Chief Division of Road Economics.	Richmond, Charlottesville, and Culpeper, Va. (Aug. 15-20, 1914).....	To investigate convict labor utilized in road building and maintenance.	42. 40	General expenses, Office of Public Roads, 1915 (road management).
Do.....	do.....	Ravena, Albany, and Comstock, N. Y. (Sept. 15-17, 1914).....	do.....	28. 86	Do.
Do.....	do.....	Atlanta, Ga. (Nov. 5-17, 1914).....	To confer with State highway officials on plans for census of road mileage revenues and expenditures; to confer with American Bar Association and American Highway Association on revision of road laws; to deliver address to Women's Conference of American Highway Association.	91. 90	Do.
Do.....	do.....	Indianapolis, Ind. (Dec. 4-7, 1914).....	To give lecture on road management before State highway commission at the public hearing.	58. 07	Do.



*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

OFFICE OF PUBLIC ROADS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Pennybacker, J. E....	Chief Division of Road Economies.	New York, N. Y. (Jan. 2-8, 1915).....	To deliver lectures on road management and to demonstrate models of road and bridge construction at New York Sportsmen show.	\$62.25	General expenses, Office of Public Roads, 1915 (road management).
Do.....	do.....	Atlanta, Ga. (Jan. 18-19, 1915).....	To investigate convict labor utilized in road building and maintenance.	36.49	Do.
Do.....	do.....	Montgomery, Ala. (Jan. 20-21, 1915).....	To make investigation of road mileage.....	8.45	Do.
Do.....	do.....	Atlanta, Ga. (Jan. 22, 1915).....	do.....	7.55	Do.
Do.....	do.....	Savannah, Ga. (Jan. 23-25, 1915).....	To investigate convict labor utilized in road building and maintenance.	39.40	Do.
Do.....	do.....	Columbia, S. C. (Feb. 11-12, 1915).....	To give advice on road management to State legislature.	9.35	Do.
Do.....	do.....	Richmond, Va. (Feb. 13, 1915).....	To investigate convict labor utilized in road building and maintenance.	13.50	Do.
Do.....	do.....	Raleigh, N. C. (Feb. 16, 1915).....	To give advice on road management to State legislature.	27.05	Do.
Do.....	do.....	Fairfax, Va. (Mar. 3, 1915).....	To give advice on road management to county board.	1.00	Do.
Do.....	do.....	Richmond, Va. (Apr. 9, 1915).....	To make investigation of road mileage.....	4.95	Do.
Do.....	do.....	Richmond, Va. (May 13, 1915).....	To investigate convict labor utilized in road building and maintenance.	5.90	Do.
Do.....	do.....	Martinsburg, W. Va. (June 22, 1915).....	do.....	9.56	Do.
Pritchard, F. P.....	Assistant chemist.	Pittsburgh, Pa. (July 7-18, 1914).....	To make inspection of bituminous material used for road construction.	73.69	General expenses, Office of Public Roads, 1915 (road material).
Do.....	do.....	Wheeling, W. Va. (July 21-31, 1914).....	do.....	80.33	Do.
Do.....	do.....	Rockville Pike, Md. (Aug. 1-4, 1914).....	do.....	1.65	Do.
Do.....	do.....	Canal Dover, Ohio (Apr. 14-16, 1915).....	do.....	39.92	Do.
Reeve, C. S.....	Chemist.	Atlantic City, N. J. (July 1-3, 1914).....	To cooperate with committee on standard tests of road material for American Society for Testing Materials.	21.60	Do.
Do.....	do.....	Rockville Pike, Md. (July 24, 1914).....	To render expert advice on bituminous construction and maintenance of road.	.15	Do.
Do.....	do.....	Rockville Pike, Md. (Aug. 14, 1914).....	do.....	.20	Do.
Do.....	do.....	Alexandria, Va. (Aug. 28-29, 1914).....	do.....	5.70	Do.
Do.....	do.....	Rockland and Portland, Me. (Sept. 1-5, 1914).....	do.....	60.90	Do.
Do.....	do.....	Asheville, N. C. (Sept. 8-11, 1914).....	do.....	35.20	Do.
Do.....	do.....	Rockville, Md. (Sept. 16, 1914).....	do.....	.15	Do.
Do.....	do.....	Chevy Chase, Md., and return, 2 trips (Oct. 12-13, 1914).....	do.....	.55	Do.

Do.	do.	Rockville Pike, Md., and return (Oct. 14, 1914).	do.	.15	Do.
Do.	do.	Alexandria, Va., and return (Oct. 16, 1914).	do.	.25	Do.
Do.	do.	Chevy Chase, Md., and return (Oct. 19, 1914).	do.	.10	Do.
Do.	do.	Rockville Pike, Md., and return, 5 trips (Oct. 20-24, 1914).	do.	1.50	Do.
Do.	do.	Chevy Chase, Md., and return (Oct. 26, 1914).	do.	.15	Do.
Do.	do.	Rockville Pike, Md., and return (Oct. 27, 1914).	do.	.15	Do.
Do.	do.	Chevy Chase, Md., and return, 2 trips (Oct. 29-Nov. 3, 1914).	do.	.20	Do.
Do.	do.	Various points in Florida (Jan. 26-Feb. 1, 1915).	do.	140.30	Do.
Do.	do.	Richmond, Va. (Feb. 10, 1915).	To give lecture on bituminous construction before Virginia Road Builders' Association.	4.70	Do.
Do.	do.	Burlington, Vt. (Feb. 24-25, 1915).	To give lecture on bituminous materials in road construction before Vermont College of Agriculture.	61.38	Do.
Do.	do.	College Park, Md. (May 12, 1915).	To give lecture on bituminous materials and their application.	.15	Do.
Do.	do.	Chevy Chase, Md. (Mar. 14, 1915).	To render expert advice on bituminous construction and maintenance of road.	.15	Do.
Do.	do.	New York, N. Y. (Mar. 28-29, 1915).	To cooperate with committee on standard tests of road material for American Society for Testing Materials.	20.70	Do.
Do.	do.	Warrenton, Va. (Apr. 5, 1915).	To render expert advice on bituminous construction and maintenance of road.	.95	Do.
Do.	do.	Amherst, Va. (May 28, 1915).	do.	6.30	Do.
Do.	Associate mechanical engineer.	Philadelphia, Pa. (July 1-2, 1914).	To attend test of concrete arch at University of Pennsylvania.	1.45	Do.
Do.	do.	Alexandria, Va. (Sept. 9, 1914).	To collect samples of gravel for tests.	.50	Do.
Do.	do.	Beltsville, Md., 2 trips (Oct. 9-12, 1914).	To locate concrete specimens in silos to determine action of silage acids on oil cement concrete.	.50	Do.
Do.	do.	Philadelphia, Pa. (Oct. 16-21, 1914).	To furnish information for the manufacture of special apparatus.	11.65	Do.
Do.	do.	Minneapolis, Minn. (Nov. 29-Dec. 28, 1914).	To give instructions at University of Minnesota as to installation and operation of machinery for testing road materials.	92.11	General expenses, Office of Public Roads, 1915 (investigating road building and maintenance).
Tobin, James J.	Assistant in road economics.	Moksville, Statesville, Winston-Salem, N. C. (July 1-4, 1914).	To make an investigation of State highway systems.	43.08	General expenses, Office of Public Roads, 1915 (road management).
Do.	do.	Helena, Mont. (July 31-Aug. 6, 1914).	do.	79.62	Do.
Do.	do.	Great Falls, Mont. (Aug. 7-16, 1914).	To deliver lectures on road management and demonstrate models of road and bridge construction.	115.10	Do.
Do.	do.	Louisville, Ky. (Sept. 7-21, 1914).	do.	91.70	Do.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.:—Continued.*

## OFFICE OF PUBLIC ROADS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Tobin, James J.....	Assistant in road economics.	Wichita, Kans. (Sept. 26-Oct. 20, 1914)....	To assist in the installation, preparation, and demonstration of the exhibit of the department at the International Dry-Farming Congress, Wichita, Kans., 1914.	\$147.82	International Dry-Farming Congress, Wichita, Kans., 1915.
Do.....	do.....	Milwaukee, Wis. (Oct. 24-Nov. 2, 1914)....	To deliver lectures on road management and demonstrate models of road and bridge construction before Western Highway Association.	88.56	General expenses, Office of Public Roads, 1915 (road management).
Do.....	do.....	Toledo, Ohio (Nov. 20-Dec. 1, 1914).....	To deliver lectures on road management and demonstrate models of road and bridge construction.	56.90	Do.
Do.....	do.....	Waukegon, Ill. (Dec. 2-3, 1914).....	do.....	13.15	Do.
Do.....	do.....	Toledo, Ohio (Dec. 4-6, 1914).....	do.....	32.22	Do.
Do.....	do.....	Chicago, Ill. (Dec. 12-19, 1914).....	do.....	82.20	Do.
Do.....	do.....	Various points in Illinois (Jan. 5-16, 1915)...	To deliver lectures on road management and demonstrate models of road and bridge construction on good-roads train.	111.00	Do.
Do.....	do.....	Norfolk, Va (Jan. 21, 1915).....	To deliver lectures on road management and demonstrate models of road and bridge construction.	13.85	Do.
Do.....	do.....	New Orleans, La. (Feb. 2-4, 1915).....	To make an investigation of State highway systems.	58.50	Do.
Do.....	do.....	Various points in Texas (Feb. 5-13, 1915)...	To deliver lectures on road management and demonstrate models of road and bridge construction.	98.09	Do.
Do.....	do.....	Grand Rapids, Mich. (Mar. 7-13, 1915)....	do.....	79.38	Do.
Do.....	do.....	Amisville, Va. (Mar. 26, 1915).....	do.....	10.10	Do.
Do.....	do.....	Ashland, Va. (Apr. 9, 1915).....	To make an investigation of the Spotsylvania post roads.	25.50	Do.
Do.....	do.....	Rockville, Md., and return, 2 trips (Apr. 13-14, 1915).....	To make an investigation of the Maryland post road.	3.50	Do.
Do.....	do.....	Various points in Indiana (May 19-28, 1915)...	To make an investigation of State highway systems.	94.23	Do.
Do.....	do.....	Falls Church, Va. (June 8, 1915).....	To deliver lecture on road management.	1.65	Do.
Do.....	do.....	Chevy Chase, Md., and return (June 9, 1915).....	To make an economical study of experimental road.	.25	Do.
Do.....	do.....	Taneytown, Md. (June 10, 1915).....	To deliver lecture on road management.	8.04	Do.



Voshell, James T .....	Senior highway engineer.	Black Mountain, N. C. (July 25-26, 1914) ..	To make an inspection of post road .....	22.20	General expenses, Office of Public Roads, 1915 (investigating road building and maintenance).
Do.....	do.....	Loudon, Tenn. (July 27, 1914).....	do.....	10.00	Do.
Do.....	do.....	Zanesville, Ohio (July 28-31, 1914).....	do.....	59.70	Do.
Do.....	do.....	Richmond, Va. (Aug. 7, 1914).....	do.....	7.60	Do.
Do.....	do.....	Winston-Salem and Mocksville, N. C. (Aug. 8-9, 1914).....	do.....	22.40	Do.
Do.....	do.....	Alben, S. C. (Aug. 10-11, 1914).....	do.....	37.40	Do.
Do.....	do.....	Portland, Me. (Aug. 14-17, 1914).....	do.....	56.10	Do.
Do.....	do.....	Various points in Virginia (Sept. 7-8, 1914).....	do.....	10.80	Do.
Do.....	do.....	San Antonio, Tex. (Sept. 27-Oct. 3, 1914).....	do.....	79.95	Do.
Do.....	do.....	Greenwood, Miss. (Oct. 4-5, 1914).....	do.....	31.14	Do.
Do.....	do.....	Clarksville, Tenn. (Oct. 6-8, 1914).....	do.....	14.45	Do.
Do.....	do.....	Mount Sterling, Ky. (Oct. 9-11, 1914).....	do.....	42.73	Do.
Do.....	do.....	Various points in Indiana (Nov. 15-30, 1914).....	To give lectures on road legislation.....	129.18	General expenses, Office of Public Roads, 1915 (road management).
Do.....	do.....	Providence, R. I. (May 3-4, 1915).....	To give advice and make inspections.....	25.56	General expenses, Office of Public Roads, 1915 (investigating road building and maintenance).
Do.....	do.....	Greenfield, Mass. (May 5-6, 1915).....	do.....	12.21	Do.
Do.....	do.....	Portland, Me. (May 7-9, 1915).....	To make an inspection of post road.....	32.96	Do.
Walton, M. R.....	Laboratory apprentice.	Alexandria County, Va. (July 9-14, 1914).....	To collect samples of gravel for tests.....	3.40	General expenses, Office of Public Roads, 1915 (road material).
Do.....	do.....	Chevy Chase, Md., and return, 5 trips (Oct. 6-June 11, 1914-15).....	To measure contraction and expansion of concrete and brick pavement on experimental road.....	4.10	Do.
Wilson, P. St. Julian.....	Assistant director.....	Glacier Park, Mont. (July 14-26, 1914).....	To give advice and make inspections.....	40.90	General expenses, Office of Public Roads, 1915 (administrative expenses).
Do.....	do.....	Dubuque, Iowa (July 27-29, 1914).....	do.....	15.41	Do.
Do.....	do.....	Zanesville, Ohio (July 30, 1914).....	do.....	3.15	Do.
Do.....	do.....	Richmond, Va. (Aug. 17-18, 1914).....	do.....	27.70	Do.
Do.....	do.....	Milwaukee, Wis. (Oct. 28-31, 1914).....	do.....	64.10	Do.
Do.....	do.....	Richmond, Va. (Jan. 12-13, 1915).....	do.....	8.45	Do.
Do.....	do.....	Atlanta, Ga. (Jan. 18-19, 1915).....	do.....	33.55	Do.
Do.....	do.....	San Antonio, Tex. (Jan. 20-26, 1915).....	do.....	63.74	Do.
Do.....	do.....	Greenwood, Miss. (Jan. 27-30, 1915).....	do.....	66.74	Do.
Do.....	do.....	Louisville, Ky. (Feb. 24-26, 1915).....	do.....	58.00	Do.
Do.....	do.....	Baltimore, Md. (May 17-18, 1915).....	do.....	5.70	Do.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

## OFFICE OF MARKETS.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Adams, T. C.....	Assistant in agricultural technology.	Baltimore, Md. (Feb. 12-13).....	To purchase material needed in the standardization of cotton.	\$7.50	Determining cotton standards and spot markets.
Do.....	do.....	Baltimore, Md. (Feb. 24-25).....	do.....	6.55	Do.
Do.....	do.....	Philadelphia, Pa.; New Bedford, Mass. (June 9-30, 1915).	To conduct spinning tests of Arizona Egyptian cotton in the investigations of the office relating to the handling and marketing of cotton.	78.56	Marketing and distributing farm products, 1915.
Argo, Geo. R.....	Assistant in cotton business methods.	Memphis, Tenn.; Little Rock, Ark.; Dallas, Houston, and Galveston, Tex.; Mobile and Selma, Ala.; Atlanta, Ga. (Mar. 3-16, 1915).	To secure information and assist in proper execution of the provisions of United States cotton futures act.	157.46	Determining cotton standards and spot markets.
Barbot, Wingate P....	Specialist in determining cotton standards.	New York, N. Y.; Philadelphia, Pa.; Liverpool, England; Bremen, Germany; Havre, France (Oct. 27, 1914-Jan. 23, 1915).	To assist Mr. Meadows in consulting members of the Liverpool Cotton Exchange as to the adaptability for their purposes of the proposed official cotton standards of the United States in comparing said standards with those now in use in the Liverpool Cotton Exchange, in determining whether cotton tenderable in settlement of future contracts on the Liverpool exchange is within the proposed official standards of the United States, and in studying the conditions under which spot cotton is sold in the markets of Great Britain, with a view to determining which, if any, can be designated as bona fide spot markets under the provisions of the United States cotton futures act.	743.51	Do.
Bassett, C. E.....	Specialist in cooperative organization.	Denver, Colo., and Chicago, Ill., continuation of trip started in fiscal year 1914 (July 1-3, 1914).	To confer with individual potato and fruit producers and with cooperative marketing associations relative to organizations and management of such associations.	13.75	Marketing and distributing farm products, 1915.
Do.....	do.....	Charlottesville, Va. (July 14-15, 1914).....	To confer with fruit growers in regard to the marketing of fruit and the organization and management of cooperative marketing associations.	10.00	Do.
Do.....	do.....	Eastport and Lubeck, Me.; Boston, Mass.; New York City, N. Y. (July 19-24, 1914).	Studying methods of cooperation and marketing in effect or practicable among various producers and distributors in this region.	74.45	Do.
Do.....	do.....	Grand Rapids, Fennville, Ganges, Owosso, Lansing, and Allegan, Mich. (July 31-Aug. 13, 1914).	To study methods of cooperation and marketing in effect among producers and distributors of farm products.	116.17	Do.

Do.....do.....	Jersey City, N. J. (Sept. 19, 1914).....	To investigate the plans for a municipal market in Jersey City and to confer with city officials and farmers regarding such plans.	17.55	Do.
Do.....do.....	Richmond, Farmville, and Lynchburg, Va. (Oct. 15-17, 1914).....	To confer with farmers and cooperative marketing associations in regard to the organization and management of such associations.	24.64	Do.
Do.....do.....	Columbus, Ohio (Oct. 22-25, 1914).....	To confer with Ohio farmers as to methods of cooperation and marketing which are in effect or may be practicable among producers and distributors in that region.	44.45	Do.
Do.....do.....	Thomasville, Ga.; Ocala and Dade City, Fla. (Oct. 26-31, 1914).....	To study methods of cooperation and marketing which are in effect or may be practicable among various producers and distributors of farm products in that region.	97.30	Do.
Do.....do.....	Jersey City and New Brunswick, N. J. (Dec. 7-10, 1914).....	To confer with New Jersey farmers as to methods of cooperation and marketing which are in effect or may be practicable among producers and distributors in that region.	25.00	Do.
Do.....do.....	Richmond, Beaver Dam, and Louisa, Va. (Dec. 27-30, 1914).....	To assist producers and consumers in forming organizations for purchasing and marketing of farm products.	24.30	Do.
Do.....do.....	Chicago, Ill.; Denver, Colo.; Logan, Utah; Butte, Billings, and Bozeman, Mont.; Spokane, Wash.; Portland and Corvallis, Oreg.; Kent, Puyallup, Seattle, Spokane, and Pullman, Wash.; St. Paul, Minn.; Chicago, Ill. (Jan. 15-Feb. 8, 1915). Lansing, Allegan, and Grand Rapids, Mich. (Feb. 25-Mar. 4, 1915).....	To address the Farmers' Educational and Cooperative Union of California and short courses of the agricultural college of the other States named.	344.66	Do.
Do.....do.....	Richmond and Petersburg, Va. (Mar. 31-Apr. 3, 1915).....	To study methods of cooperation and marketing which are now in effect or may be practicable among producers and distributors of beans and other farm products in that region.	70.69	Do.
Do.....do.....	Richmond, South Boston, Houston, Turbeville, and Danville, Va. (Apr. 8-13, 1915).....	.....do.....	19.70	Do.
Do.....do.....	Chattanooga, Tenn. (Apr. 25-May 1, 1915).....	To study methods of cooperation and marketing now in effect or which may be practicable among producers and distributors of tobacco and other farm products of that region.	33.60	Do.
Do.....do.....	Norfolk, Cape Charles, and Onley, Va. (May 12-15, 1915).....	To address producers and shippers of farm products as to market methods and to hold daily conferences in connection with the annual meeting of the Southern Conference for Education and Industry at Chattanooga.	55.20	Do.
Do.....do.....		To study methods of cooperation and marketing which are now in effect or may be practicable among producers and distributors of farm products.	22.80	Do.



*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

## OFFICE OF MARKETS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Bassett, C. E.	Specialist in cooperative organization.	La Plata, Ind. (May 16-19, 1915).....	To study methods of cooperation and marketing of farm products and to give an address upon cooperative marketing before a meeting of the tobacco growers of Indiana.	\$7.96	Marketing and distributing farm products, 1915.
Do.	do.	Greensboro, N. C. (May 26-28, 1915).....	To study methods of cooperation and marketing of farm products and to give an address at the agricultural and mechanical college for the colored race upon the subject of cooperative marketing.	25.50	Do.
Do.	do.	Staunton, Va.; Chicago, Ill.; Minneapolis and Litchfield, Minn.; Holland, Penn.; Grand Rapids, Kalamazoo, and Allegan, Mich. (June 7-23, 1915).	To study methods of cooperation and marketing which are now in effect or may be practicable among producers and distributors of farm products and to give an address at Staunton, Va., and Minneapolis, Minn., on "Cooperative organizations."	124.35	Do.
Branch, G. V.	Investigator.	Norfolk, Va.; Boston, Mass.; New York City, N. Y. (July 1-12, 1914).	To investigate the construction and methods of operation of municipal public markets.	74.62	Do.
Do.	do.	Boston, Mass.; Providence, R. I. (Aug. 5-9, 1914).	To attend meeting and confer with grocers, shippers, and dealers regarding market conditions.	45.40	Do.
Do.	do.	Kansas City, Mo.; Ordway, Rocky Ford, Colorado Springs, Denver, Colo.; Columbia, Mo.; Des Moines and Dubuque, Iowa; Madison, Wis. (Sept. 4-23, 1914).	To investigate the grading, packing, and marketing of canteloupes and other perishable products, inspecting and studying public markets and methods of city distribution.	206.12	Do.
Do.	do.	New York, N. Y.; Jersey City, N. J. (Sept. 25-26, 1914).	To study municipal farmers' markets, retail public markets, and advising city officials and producers regarding the construction and conduct of the same.	22.05	Do.
Do.	do.	Philadelphia, Pa. (Oct. 5-7, 1914).....	To attend seventh annual convention of the Vegetable Growers' Association, to obtain information in regard to market survey work, and to confer with vegetable growers.	16.15	Do.
Do.	do.	Huntington, Parkersburg, Va. (Feb. 2-6, 1915).	Investigating local marketing conditions and consulting with civil officials regarding the best procedure in the erection and maintenance of municipal wholesale and retail markets providing for the distribution of farm produce.	43.39	Do.

Do.	Do.	Do.	65.78	To address meetings of agricultural producers on the subject of marketing their products, and investigating marketing conditions in and about the points named.	Do.
Do.	Do.	Do.	161.55	To study different types of municipal and privately owned wholesale, retail, and terminal market buildings and other similar institutions connected with the distribution and marketing of farm products in cities; also to investigate problems connected with the auction system of selling farm products and to confer with auction officials.	Do.
Brand, Charles J.	Chief.	Boston, Mass. (July 1-2, 1914)	20.40	To attend conference on marketing of milk. (continuation of trip from previous year).	Do.
Do.	Do.	Portland, Me. (July 15-20, 1914)	61.70	To attend meeting of American Food, Dairy and Drug Association.	Do.
Do.	Do.	Chicago, Ill. (Oct. 23-31, 1914)	58.00	To confer with members and officers conducting investigations of the dairy products of the Southwest, and to preside at a marketing conference of the National Dairy Association.	Do.
Do.	Do.	Philadelphia, Pa. (Dec. 30, 1914)	11.05	To deliver an address before the American Association for the Advancement of Science.	Do.
Do.	Do.	Athens, Ga. (Jan. 14-16, 1915)	48.30	To deliver an address on the Marketing of Products of Diversified Farming.	Do.
Do.	Do.	Chicago, Ill.; Fargo, Ortonville, and Bigstone City, N. Dak. (Jan. 18-23, 1915).	109.61	To deliver an address before the Tri-State Grain Growers' Association.	Do.
Do.	Do.	New Orleans, La. (Mar. 6-12, 1915)	91.45	To address the cotton buyers convention at New Orleans and investigate the business methods of the New Orleans Cotton Exchange.	Determining cotton standards and spot markets.
Do.	Do.	New York, N. Y. (Apr. 20-22, 1915)	24.55	To confer with members of the New York Cotton Exchange relative to the United States cotton-futures act.	Do.
Do.	Do.	St. Louis, Mo.; Muskogee, Okla.; Chicago, Ill.; Pittsburgh, Pa.; St. Louis, Mo. (Apr. 24-29, 1915).	109.60	To attend a meeting of the sixth annual convention of the Southern Commercial Congress.	Marketing and distributing farm products, 1915.
Brown, Hal.	Assistant in cotton classing.	Providence, R. I.; Fall River and Boston, Mass. (Feb. 17-26, 1915).	69.70	Securing information relative to and assisting in enforcement of the United States cotton-futures act.	Determining cotton standards and spot markets.
Do.	Do.	Chattanooga, Tenn.; Decatur, Corinth, and Tupelo, Miss.; Birmingham and Montgomery, Ala.; Atlanta and Augusta, Ga. (Feb. 27-Mar. 11, 1915)	108.33	To select cotton in tinges and stains and to secure other material needed in cotton standardization work, under provisions of United States cotton-futures act.	Do.
Do.	Do.	New York, N. Y. (Mar. 14-17, 1915)	26.50	For the purpose of investigating cotton market conditions and obtaining data for use in the enforcement of the United States cotton-futures act.	Do.
Do.	Do.	Fayetteville, N. C.; Augusta, Americus, and Savannah, Ga.; Troy and Montgomery, Ala.; Charleston, S. C. (Apr. 23-May 6, 1915).	118.64	To examine and select bales of cotton to match the United States official cotton standards, to be used for determining the waste content, tensile strength, and other qualities of the United States official grades.	Do.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

## OFFICE OF MARKETS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Brown, Hal.....	Assistant in cotton classing.	New York, N. Y. (June 8-12, 1915).....	To investigate the methods of marketing cotton in connection with the use of the United States official cotton standards. To make a study of shipping strawberries and other products by parcel post and express, by actual shipments and otherwise, and to confer with farmers and others on marketing direct from producer to consumer, by parcel post and express. .....do.....	\$33. 00	Marketing and distributing farm products, 1915.
Burmester, Charles A.	Scientific assistant.....	Mount Olive, Faison, Rose Hill, and Teachneys, N. C.; Norfolk, Va. (May 14-23, 1915).		60. 50	Do.
Do.....	.....do.....	Easton, Goldsboro, Ridgely and Denton, Md.; Greenwood, Fulton, Dover, and Wyoming, Del.; Philadelphia, Pa.; Camden, Hammononton, Landisville, Minnetola, and Moorestown, N. J. (May 26-June 2, 1915).		38. 08	Do.
Collins, J. H.....	.....do.....	Knoxville, Memphis, and Jackson, Tenn.; Little Rock, Ark.; Starkville, Miss.; Huntsville, Ala. (Jan. 10-28, 1915).	To consult State and local officials, producers and others interested in the handling and distribution of farm products, with a view to devising ways and means to assist in the marketing of the products of diversified farming. To establish a limited market-news service.... To interview transportation officials, commission merchants, growers, shippers and others interested in the raising and marketing of strawberries, peaches, and tomatoes, for the purpose of establishing a limited market-news service. To assist in a survey of cotton marketing and handling methods and to interview prospective cotton samplers.	143. 62	Do.
Do.....	.....do.....	Chicago, Ill. (Apr. 8-30, 1915).....		85. 90	Do.
Do.....	.....do.....	Chicago, Ill. (June 1-30, 1915).....		133. 55	Do.
Creswell, C. F.....	Clerk.....	Oklahoma City, Okla.; Waco, San Antonio, Houston, and other cities in Texas; Memphis, Tenn.; Wichita Falls, Kans.; Greenville and Clarksville, Tex.; Oklahoma City, Okla.; Houston, Galveston, San Antonio, and Austin, Tex.; Oklahoma City, Okla.; Chicago, Ill.; Harrisburg, Pa. (July 23, 1914-Jan. 4, 1915).		994. 19	Do.



Doty, S. W.	Market assistant (live stock and meats).	Lexington, Ky.; Auburn and Montgomery, Ala.; Fortville, Miss.; St. Louis, Mo.; Indianapolis and Fort Wayne, Ind.; Detroit, Mich.; Wheeling, W. Va. (Oct. 20-Nov. 9, 1914).	102.90	To investigate the methods and cost of marketing live stock and animal products, including the shipment of stock and tracing the distribution of the meat.	Do.
Do.	do.	Lexington, Ky.; Madison and La Crosse, Wis. (Nov. 15-21, 1914).	59.23	do.	Do.
Do.	do.	La Crosse, Wis.; Dodge Center, Des Moines and Ames, Iowa; Stony City, Marshalltown, St. Paul, Litchfield, and St. Paul, Minn.; Chicago, Ill. (Nov. 22-Dec. 12, 1914).	140.17	do.	Do.
Do.	do.	Cincinnati, Ohio; Louisville, Ky.; Nashville and Memphis, Tenn.; Vicksburg, Natchez, Jackson, Meridian, Starksville, and West Point, Miss.; Mobile, Montgomery, Selma, and Birmingham, Ala.; Chattanooga and Knoxville, Tenn. (Jan. 10-31, 1915).	187.14	To investigate the handling and marketing of live stock and meat products, the operation of stockyards, and the possibility of extending the use of local products and otherwise improving the conditions of marketing southern animals.	Do.
Do.	do.	St. Paul, Minn.; Fargo, N. Dak.; Mentor and Crookston, Minn.; La Crosse, Westby, Wausau, Madison, Fort Atkinson, and Janesville, Wis.; Chicago, Ill.; Jackson, Litchfield, and Jonesville, Mich.; Buffalo, N. Y.; Grand Forks, N. Dak. (Mar. 27-Apr. 20, 1915).	248.93	To investigate live-stock shippers' association and other local live-stock marketing problems.	Do.
Do.	do.	Chicago, Ill.; Grand Rapids, Marshallfield, and Eau Claire, Wis.; Winona, Austin, Albert Lea, Faribault, and St. Paul, Minn.; Mason City, Parkersburg, Waterloo, Marshalltown, Cedar Rapids, Fort Madison, and Burlington, Iowa; Chicago, Ill. (May 15-30, 1915).	153.56	To investigate methods and sources of supply of local pork-packing houses and hog-assembling points.	Do.
Evans, A. M.	Investigator in women's rural organizations.	Rockville, Md. (Apr. 23-28, 1914).	7.50	To study women's rural organizations in that community.	Investigation of rural co-operation, 1915.
Do.	do.	Winchester, Ky.; Knoxville, Tenn.; Louisville, Ky.; St. Louis and Kansas City, Mo.; Manhattan, Kans.; Denver and Grand Junction, Colo.; Provo, Salt Lake City, Cache Junction, Logan, and Ogden, Utah; Hazen and Fallon, Nev.; San Francisco and Orland, Cal.; Albany, Corvallis, and Portland, Oreg.; Seattle, North Yakima, Sunnyside, Spokane, Pullman, and Garfield, Wash.; Moscow, Idaho; Livingston, Huntley and Billings, Mont.; Valley City and Fargo, N. Dak. (May 9-June 30, 1915).	390.30	To make studies of cooperative and other organized effort among farmers' families and other forms of cooperation in rural communities with a view to providing a basis for a broader utilization of worthy methods and results.	Do.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

## OFFICE OF MARKETS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Fisher, J. W., jr.	Scientific assistant.	Lula, Athens, Atlanta, Newman, Columbus, Macon, and Augusta, Ga. (Jan. 8-21, 1915).	To interview State and local officials, commission merchants and wholesale dealers in farm products to study the consuming capacity of the various markets visited and the facilities available for handling, marketing, and exporting the products of diversified farming in the cotton belt.	\$100.70	Marketing and distributing farm products, 1915.
Do.	do.	New York City (Apr. 9-13, 1915).	To investigate the methods used and results obtained in connection with the marketing of fruits through the auction system, and to obtain other information regarding the marketing of perishable farm products.	31.70	Do.
Do.	do.	Baltimore, Md.; New York, Albany, Syracuse, and Buffalo, N. Y.; Cleveland, Ohio; Detroit and Lansing, Mich.; Chicago, Ill.; Milwaukee, Wis.; Minneapolis, Minn.; Sioux City and Des Moines, Iowa; Chicago, Ill.; Cincinnati, and Columbus, Ohio (June 14-30, 1915).	To interview persons available for temporary appointments, as market reporters in the various cities for the market news service.	141.37	Do.
Flohr, Lewis B.	do.	St. Paul, Minn. (July 6-12, 1914).	To attend meeting of the National Education Association to confer with national and State club leaders, and to deliver an address on the use of the parcel post for the marketing of farm products by clubs.	86.02	Do.
Do.	do.	Tolchester Beach, Md. (Aug. 6-7, 1914).	To attend a meeting of Maryland State Grange and deliver address regarding marketing farm products by parcel post; also to confer with farmers.	5.20	Do.
Do.	do.	Florence, S. C. (Aug. 19-21, 1914).	To confer with officers and demonstrator, county girls' canning clubs, and to deliver an address on marketing of club products by parcel post.	33.57	Do.
Do.	do.	Philadelphia, Pa. (Oct. 6-9, 1914).	To place and demonstrate a parcel-post marketing exhibit at the convention of the Vegetable Growers' Association of America.	19.80	Do.
Do.	do.	Baltimore, Md. (Nov. 17-21, 1914).	To place and demonstrate a parcel-post marketing exhibit, and to deliver an address on marketing by parcel post before the Maryland State Horticultural Society.	22.73	Do.

Do.....	do.....	Baltimore, Md. (Dec. 16, 1914).....	To attend the forty-second annual session of the Maryland State Grange, to be held Dec. 15 and 16, 1914; delivering an address on "Marketing farm products by parcel post," and conferring with farmers in regard to utilization of the parcel post for marketing of farm products from producer to consumer direct.	2.75	Do.
Do.....	do.....	State College, Pa. (Dec. 28, 1914-Jan. 1, 1915).	To place and demonstrate a parcel-post exhibit, to deliver an address on "Marketing by parcel post and express" at the farmers' week, Pennsylvania State College, and to confer with farmers and others on marketing farm produce from producer to consumer direct by parcel post and express.	26.91	Do.
Do.....	do.....	Athens, Ga.; Stillwater, Okla.; College Station, Tex. (Jan. 7-19, 1915).	To attend conferences of county demonstration agents at above-named places; to deliver addresses on marketing by parcel post and express, and to confer with farmers and others on marketing farm produce by parcel post and express.	144.94	Do.
Do.....	do.....	Durham, N. H. (Feb. 3-5, 1915).....	To deliver an address on "Marketing by parcel post and express" at the farmers' week, New Hampshire College of Agriculture, and to confer with farmers and others on marketing farm produce from producer to consumer direct by parcel post and express.	38.81	Do.
Do.....	do.....	Burlington, Vt. (Feb. 24-26, 1915).....	Do. Address delivered at farmers' week, Vermont Agricultural College.	45.63	Do.
Do.....	do.....	Rock Hill, S. C.; Orono, Me. (Mar. 8-13, 1915).	To deliver an address on "Marketing by parcel post and express" at the farmers' week, Maine Agricultural College, and to confer with farmers and others on marketing farm produce from producer to consumer direct by parcel post and express.	88.74	Do.
Do.....	do.....	Chattanooga, Tenn.; Lexington, Ky. (Apr. 25-May 1, 1915).	To place an exhibit and conduct a demonstration in connection with marketing by parcel post and express, and to deliver an illustrated lecture on that subject at the Southern Conference for Education and Industry at Chattanooga, Tenn., and to attend the State meeting of the Women County Demonstration Agents at Knoxville, Tenn., and Baton Rouge, La.	104.95	Do.
Freret, Rene A.....	Assistant in cotton marketing.	Norfolk, Va.; Charleston, S. C.; Savannah, Augusta, Atlanta, Macon, Ga.; Montgomery, Selma, Mobile, Ala. (Oct. 28-Nov. 9, 1914).	To interview members of spot cotton exchanges and others concerning the methods in vogue in determining quotations on cotton and other products.	120.96	Determining cotton standards and spot markets.
Do.....	do.....	Baltimore, Md. (Feb. 11, 1915).....	To confer with dealers regarding the furnishing of forms necessary to carry into effect the provisions of the United States cotton futures act.	1.50	Do.



Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

## OFFICE OF MARKETS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Gail, A. D., jr.	Market assistant.	St. Louis, Mo. (Sept. 5-Oct. 2, 1914).	To investigate conditions in various distributing centers, and recording and reporting prices received and cost of distribution of various farm products.	\$128.48	Marketing and distributing farm products, 1915.
Do.	do.	St. Louis, Mo.; Louisville, Ky. (Oct. 1-Nov. 4, 1914).	do.	143.34	Do.
Do.	do.	Louisville, Ky.; Cincinnati, Ohio (Nov. 1-30, 1915).	do.	135.20	Do.
Do.	do.	Cincinnati, Ohio (Dec. 1-17, 1914).	Interviewing State and local officials, commission merchants, and wholesale dealers regarding consuming capacity and facilities for handling and marketing products of diversified farming.	92.93	Do.
Do.	do.	Birmingham, Montgomery, Ala.; Pensacola, Fla.; Mobile, Ala. (Jan. 10-31, 1915).	do.	159.61	Do.
Do.	do.	Rocky Mount, Mount Olive, Rose Hill, Wallace, Wilmington, Chadbourne, Mount Tabor, N. C.; Davis, S. C.; Atlanta, Ga.; Birmingham, Ala.; Jackson, Miss.; Hammond, La. (Apr. 25-May 1, 1915).	To interview transportation officials, growers, shippers, dealers, and others interested in the raising and marketing of strawberries, peaches, and tomatoes for the purpose of establishing a limited market news service.	59.84	Do.
Do.	do.	Jackson, McComb, Hazlehurst, Gallman, Crystal Springs, Harrison, Miss.; Hammond, Baton Rouge, New Orleans, La. (May 5-16, 1915).	do.	141.07	Do.
Do.	do.	Philadelphia, Pa.; New York, N. Y. (June 11-22, 1915).	To perfect arrangements pertaining to the inauguration of a market news service by the collection and distribution in Greater New York and vicinity of daily information on the movement and prices of farm products.	48.15	Do.
Do.	do.	New York, N. Y. (June 22-30, 1915).	do.	35.91	Do.
Gilbert, John C.	Scientific assistant.	New Orleans, Hammond, La.; McComb, Miss.; Houston, Jacksonville, Tyler, Milano, Fort Worth, Tex.; Ardmore, Guthrie, Muskogee, Okla. (Apr. 27-May 17, 1915).	To interview transportation officials, growers, shippers, dealers, and others interested in the raising and marketing of strawberries, peaches, and tomatoes for the purpose of establishing a limited market news service.	143.76	Do.

Do.....	do.....	256.14	Do.
Griffith, David C.....	Assistant in cotton marketing.	90.30	Do.
Do.....	do.....	203.24	Do
Do.....	do.....	63.07	Do.
Do.....	do.....	100.18	Do.
Do.....	do.....	65.00	Determining cotton standards and spot markets.
Do.....	do.....	30.00	Do.
Do.....	do.....	44.91	Do.
Do.....	do.....	202.36	Do.
Do.....	do.....	168.40	Do.
Hall, L. D.....	Market specialist.	49.70	Marketing and distributing farm products, 1915.

Muskogee, Sallisaw, Okla.; Fort Smith, Judsonia, Ark.; Memphis, Humboldt, Tenn.; Bowling Green, Ky.; Anna, Ill.; Kansas City, St. Joseph, Mo.; Troy, Wathena, Kans.; Monet, Neosho, Pierce City, Sarcosie, Mo.; Springdale, Fayetteville, Fort Smith, Van Buren, Alma, Clarksville, Russellville, Morrelton, Little Rock, Ark.; cities in Texas (May 18-June 29, 1915).

New York, N. Y.; Boston, Mass.; Providence, R. I.; Fall River, Mass.; Montreal, Canada (July 21-28, 1914).

Newberry, Columbia, Trenton, S. C.; Atlanta, Ga.; Meridian, Carrollton, Greenwood, Greenville, Vicksburg, Natchez, Miss.; Little Rock, Atkins, Scott, Ark.; Memphis, Tenn.; Grennison, Miss.; Decatur, Hollywood, Ala.; Louisville, Ky. (Sept. 3-24, 1914).

Tarboro, N. C.; Norfolk, Va. (Oct. 1-10, 1914).

Memphis, Tenn.; Little Rock, and Scott, Ark.; Atlanta, Ga. (Oct. 31-Nov. 9, 1914).

Danville, Va.; Greensboro, Lexington, N. C.; Florence, Charleston, S. C.; Tarboro, N. C. (Nov. 17-24, 1914).

New York, N. Y. (Dec. 8-12, 1914).....

Boston and Fall River, Mass. (Feb. 15-19, 1915).

Vicksburg, Miss.; Shreveport, La.; Dallas, Houston, San Antonio, Tex.; Oklahoma, Okla.; Fort Smith, Little Rock, Fort Scott, Ark.; St. Louis, Mo. (Mar. 4-20, 1915).

Montgomery, Troy, Selma, Demopolis, Ala.; Meridian, Aberdeen, Tupelo, Holly Springs, Grenada, Winona, Brookhaven, Jackson, Vicksburg, Canton, Winona, Miss.; Memphis, Tenn.; Louisville, Lexington, Ky. (Apr. 20-May 11, 1915).

Chicago, Ill.; La Crosse, Wis.; Kalamazoo, Mich.; Cincinnati, Ohio; Lexington, Frankfort, Ky., continuation of trip started previous year (July 1-8, 1914).

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

## OFFICE OF MARKETS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Hall, L. D .....	Market specialist .....	Baltimore, Md.; Richmond, Va. (July 23-24, 1914).	To inspect stock yards.	\$14.20	Marketing and distributing farm products, 1915.
Do.....	do.....	Baltimore, Md. (July 26-27, 1914).....	To investigate methods and costs of marketing cattle at stockyards.	4.40	Do.
Do.....	do.....	Chicago, Ill.; St. Louis, Mo.; Paris, Fort Worth, Tex.; Santa Fe, N. Mex.; Denver, Colo.; Cheyenne, Wyo. (Aug. 1-19, 1914).	To investigate live-stock movements; also methods and costs of marketing live stock and meat products.	231.16	Do.
Do.....	do.....	Chicago, Ill.; New York, N. Y. (Aug. 23-Sept. 3, 1914).	To supervise investigations relative to methods and cost of marketing livestock.	103.05	Do.
Do.....	do.....	Chicago, Ill.; Columbia, Kansas City, Mo.; Lincoln, Nebr.; Manhattan, Eureka, Kans. (Sept. 9-24, 1914).	To trace shipments and to supervise investigations relative to methods and cost of marketing live stock.	150.25	Do.
Do.....	do.....	Buffalo, Utica, Syracuse, Schenectady, New York, N. Y. (Sept. 27-Oct. 3, 1914).	do.....	56.66	Do.
Do.....	do.....	Lexington, Ky.; Auburn, Montgomery, York, Ala.; Meridian, Jackson, Miss.; Champaign, Chicago, Ill.; South Haven, Mich. (Oct. 20-Nov. 6, 1914).	To supervise investigations relative to methods and cost of marketing live stock, including the distribution and final delivery of the meat and by-products.	134.86	Do.
Do.....	do.....	Chicago, Ill.; St. Paul, Minn.; Madison, Wis. (Dec. 1-5, 1914).	To investigate the methods and cost of marketing live stock and meats.	109.77	Do.
Do.....	do.....	Chicago, Ill.; New Orleans, Baton Rouge, New Iberia, Alexandria, La.; Little Rock, Ark.; St. Louis, Mo.; Peoria, Ill. (Jan. 16-Feb. 5, 1915).	To investigate live stock, market facilities, and methods of marketing live stock, meat, and products.	212.63	Do.
Do.....	do.....	Greenville, Calhoun, S. C. (Mar. 23-26, 1915).	To attend a conference of State agents and southern dairymen at Greenville, S. C.; also to investigate methods of marketing live stock.	56.93	Do.
Do.....	do.....	Rock Hill, Columbia, Greenwood, Prosperity, Camden, S. C.; Chicago, Ill.; Cambridge, Mass.; South Haven, Hartford, Mich. (Apr. 13-24, 1915).	To assist in the marketing of cattle in South Carolina which were fed under the direction of the State demonstration agent in cooperation with the United States Department of Agriculture, and to investigate methods and costs of marketing live stock.	134.07	Do.
Do.....	do.....	Knoxville, Tenn. (May 17-21, 1915).....	To attend a meeting of the East Tennessee Farmers' Convention and Institute at Knoxville and interview at Atlanta a candidate for a position in this office.	48.40	Do.



Do. ....	Do. ....	To study the methods and costs of marketing live stock in the various States.	301.43	Do.
Humphrey, John R. ....	Assistant in cooperative elevator accounting.	Chicago, Ill.; Fort Madison, Iowa; Kansas City, Mo.; Omaha, Nebr.; Denver, Colo.; Cheyenne, Laramie, Chugwater, Douglas, Casper, Lander, Shoshoni, Boonville, Cody, Wyo.; Billings, Mont.; Sheridan, Wyo.; Sidney, Nebr.; Cheyenne, Wyo.; Chicago, Ill. (May 27-June 27, 1915) Fargo and Finley, N. Dak.; Benson, Minn.; Watertown, Wallace, Henry, S. Dak.; Breckenridge, Minn. (Sept. 2-30, 1914).	148.66	Do.
Do. ....	do. ....	Henry, Watertown, S. Dak.; Benson, Breckenridge, Minn.; Fargo, Finley, N. Dak.; Minneapolis, Minn.; Adams, Omaha, Nebr.; Fort Dodge, Eagle Grove, Colo. (Oct. 4-31, 1914). Marshalltown, Iowa; Omaha, Nebr. (Nov. 1-5, 1914).	118.68	Do.
Do. ....	do. ....	New York, N. Y.; Chicago, Gridley, Ill. (Nov. 14-30, 1914). Gridley, Ill.; Minneapolis, Minn.; Henry, Wallace, Aberdeen, S. Dak.; Omaha, Adams, Lincoln, Nebr. (Nov. 29-Dec. 31, 1914). Adams, Nebr.; Goldfield, Iowa (Jan. 1-11, 1915). Chicago, Bloomington, Gridley, Ill.; Goldfield, Iowa; Minneapolis, Minn.; Adams, Nebr. (Feb. 16-28, 1915).	58.65	Do.
Do. ....	do. ....	To install the system of accounting records devised by the Office of Markets and Rural Organization for experimental operation, in the farmers' elevators at the above-named places.	70.45	Do.
Do. ....	do. ....	To deliver addresses at the Farmers' Grain Dealers State Convention at Bloomington, Ill.; Minneapolis, Minn.; and Minot, N. Dak., on accounting and auditing for farmers' elevators, and supervising the operation of the grain-accounting system installed by the Office of Markets and Rural Organizations at different points in these States and making final investigation of the system to ascertain whether changes should be made before issuing a bulletin on grain elevator accounting, and to investigate the desirability of installing this system in the farmers' grain elevator at Cawker, Kans.	120.40	Do.
Do. ....	do. ....	do. ....	62.61	Do.
Do. ....	do. ....	do. ....	92.02	Do.
Do. ....	do. ....	do. ....	166.85	Do.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

## OFFICE OF MARKETS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Humphrey, John R.....	Assistant in cooperative elevator accounting.	Chicago, Earlville, Gilman, Gritley, Plainfield, Ill.; Goldfield, Iowa; Minneapolis, Minn.; Fargo, Finley, N. Dak.; Breckenridge, Minn.; Watertown, Wallace, Henry, S. Dak.; Minneapolis, Minn.; Cawker, Kans. (June 1-30, 1915).	To supervise the operation of the accounting system, devised and installed for experimental purposes by the Office of Markets and Rural Organization in cooperative grain elevators, located at these points, and to investigate requests for information looking toward the installation of the system of accounts at other points in the States mentioned, in order that the business efficiency of these marketing organizations be improved and to address a meeting of elevator managers at Gilman, Ill., June 3, on the subject of "Cooperative elevator accounting," and the National Managers' Convention at Minneapolis, Minn., June 10, 11, and 12, on the same subject.	\$168.71	Marketing and distributing farm products, 1915.
Kellner, Lester W.....	Assistant in cotton marketing.	Little Rock, Ark. (Oct. 31-Nov. 16, 1914).	To investigate the ginning, handling, and marketing of cotton and the grading of cotton in cooperation with organized cooperative cotton producers.	84.80	Do
Do.....	do.....	Little Rock, Scotts, Ark. (Nov. 16-30, 1914).	do.....	45.74	Do.
Do.....	do.....	Little Rock, Atkins, Ark.; Memphis, Tenn.; Greenville, Miss. (Dec. 1-31, 1914).	do.....	79.01	Do.
Do.....	do.....	Little Rock, Lexington, Arkansas, Ark. (Jan. 1-31, 1915).	do.....	136.51	Do.
Do.....	do.....	Little Rock, Ark.; Memphis, Tenn.; Arkansas, Paris, Tex.; Greenville, Miss. (Feb. 1-18, 1915).	To investigate the ginning, handling, and marketing of cotton in cooperation with organized cooperative cotton producers.	95.60	Do.
Do.....	do.....	Boston, Fall River, Mass. (Mar. 18-Apr. 1, 1915).	To secure quotations on spot cotton and information relative to and assisting in the proper execution of the provisions of the United States cotton futures act.	69.75	Do.
Kerr, W. H.....	do.....	From Spokane to Washington, D. C., on return from trip of previous year (July 1-5, 1914).	To visit farmers' cooperative marketing organizations to learn methods used in financing their operations and interviewing bankers regarding credits and loans to such associations.	33.15	Do.

Do.....	do.....	Philadelphia, Pa.; New York, N. Y. (Aug. 14-19, 1914).	To interview officials of various banks relative to loans made to cooperative marketing organizations.	43.41	Do.
Do.....	do.....	Fargo, Litchville, Finley, N. Dak.; Benson, Minn.; Watertown, Wallace, Henry, S. Dak.; Breckenridge, Minneapolis, Minn. (Sept. 2-17, 1914).	To make arrangements to install experimental systems of accounts in farmers' cooperative elevators.	152.31	Do.
Do.....	do.....	Kansas City, Mo.; Hutchinson, Preston, Arlington, Ellinwood, Wichita, Kans. (Sept. 24-Oct. 5, 1914).	To investigate prices paid farmers for wheat in Kansas, methods of fixing prices paid producers, and prices received for export sales.	146.10	Do.
Do.....	do.....	Omaha, Nebr.; Chicago, Chenox, Ill. (Oct. 31-Nov. 6, 1914).	To arrange for the installation of a grain accounting system to be operated for experimental purposes.	98.77	Do.
Do.....	do.....	Columbia, S. C.; Atlanta, Augusta, Athens, Ga.; Raleigh, N. C. (Dec. 18-23, 1914).	To investigate conditions relative to marketing of grain in the South.	68.15	Do.
Do.....	do.....	Tucson, Ariz.; New Orleans, La.; Las Cruces, N. Mex.; El Paso, Tex.; Fort Collins, Colo.; Albuquerque, N. Mex.; Denver, Colo.; Laramie, Wyo.; Stillwater, Okla.; Arkansas City, Kans.; Kansas City, Mo. (Jan. 1-18, 1915).	To address farmers short courses at the following places, on the subjects mentioned: Jan. 5, University of Arizona, Tucson, "Cooperation in agriculture," Jan. 8, University of New Mexico, Las Cruces, "Collective versus individual marketing," Jan. 11, Colorado Agricultural College, Fort Collins, "Cooperative marketing of agricultural products," Jan. 13, Oklahoma Agricultural and Mechanical College, "The marketing of agricultural products," to investigate conditions and to consider installing for experimental operation in the State of Kansas the system of grain accounts devised by the Office of Markets, and investigating the marketing of grain in Texas.	263.54	Do.
Do.....	do.....	Chicago, Ill.; Memphis, Tenn.; Mason City, Iowa (Feb. 6-13, 1915).	To deliver before the short course for merchants at the University of Minnesota an address on "The work of the Office of Markets and Rural Organization," delivered before the convention of the Farmers' Grain Dealers Association at Mason City, Iowa, an address on the subject of "Cooperative elevator accounting," and securing data from the National Wool Warehouse at Chicago regarding the marketing of wool.	97.91	Do.
Do.....	do.....	Litchfield, Hillsdale, Coldwater, Mich.; Elkhart, Ind.; Chicago, Ill. (Mar. 23-31, 1915).	To investigate accounting methods used by live-stock shipping associations; also to gather information at different points in these States regarding the systems of accounts now used by cooperative stores, for use in devising a system of accounts for farmers' purchasing organizations.	101.72	Do.



*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

## OFFICE OF MARKETS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Kerr, W. H.....	Assistant in cotton marketing.	Chicago, Ill., and Columbus, Ohio (Apr. 18-23, 1915).	To discuss the accounting system devised by the Office of Markets and Rural Organization for use by farmers' cooperative grain elevators, and to interview eligibles for the position of assistant in grain marketing in this office.	\$69. 06	Marketing and distributing farm products, 1915.
Do.....	.....do.....	Manhattan, Kans.; Denver, Colo. (May 25-31, 1915).	To study the operation of the commission-house law of Colorado, Brighton City, Utah, Nampa, Idaho, Puyallup, Wash., Eugene, Oreg., Porterfield, Cal., for the purpose of securing data relating to the cooperative utilization of the Oregon Agricultural College in the canneries survey, the information to be used in preparing manuscripts for the bulletins; to Chicago, Ill., for the purpose of interviewing the Abbott Accounting Co. regarding the Abbott system of canneries accounting; Litchfield, Mich., Lakefield, Minn., to arrange for the installation of a live-stock accounting system; Manhattan, Kans., for the purpose of arranging with Dean Miller, of the Kansas Agricultural College, for cooperative work in marketing business practice.	81. 47	Do.
Do.....	.....do.....	Denver, Colo.; Portland, Oreg.; Corvallis, Eugene, Newburg, Forest Grove, and Salem, Oreg.; Tacoma, Puyallup, and Sumner, Wash. (June 1-30, 1915).	To secure data relating to the cooperative utilization of fruit and vegetables by products and assembling material collected by the Oregon Agricultural College in the canneries survey, the information to be used in preparing manuscripts for bulletins; to Chicago, Ill., for the purpose of interviewing the Abbott Accounting Co. regarding the Abbott system of canneries accounting; Litchfield, Mich., and Lakefield, Minn., to arrange for the installation of a live-stock accounting system; Manhattan, Kans., for the purpose of arranging with Dean Miller, of the Kansas Agricultural College, for cooperative work in marketing business practice.	300. 63	Do.

Kitchen, C. W.	Clerk	St. Louis, Springfield, Mo.; Tulsa, Muskogee, Okla.; Fort Worth, El Paso, Tex.; Yuma, Ariz.; Brawley, Cal. (June 5-30, 1915).	196.46	Do.	To assist O. W. Schleussner and others in the field work connected with the market surveys project, especially in connection with the accumulation and tabulation of records of car movements of cantaloupes from the Imperial Valley, Cal., and render such assistance as may be necessary in connection with investigations concerning the marketing of perishable products in the States named.
Klein, J. P.	Scientific assistant	Chadbourne, Mount Tabor, N. C.; New Orleans, Hammond, Ponchatoula, Independence, La.; Madison, Durant, Miss.; Memphis, Tenn.; Kensett, Judsonia, Bald Knob, Searcy, Little Rock, Morrilton, Mulberry, Dyer, Alma, Van Buren, Fort Smith, Hackett, Horatio, Texarkana, Tokio, Highland, Ashdown, Rudy, Van Buren, Fayetteville, Ark.; Heaven, Okla. (Apr. 8-May 1, 1915). Fairfax, Va. (Oct. 15, 1914).	108.07	Do.	To interview transportation officials, growers, shippers, dealers, and others interested in the raising and marketing of strawberries, peaches, and tomatoes, for the purpose of establishing a limited market news service.
Law, John W.	do.	Oakland, Md. (Feb. 9-12, 1915).	2.10	Do.	To secure from farmers and others data showing farmers and other rural producers prepared to deal directly with city consumers by shipping produce through the parcel post, and to observe methods of producers, etc., in preparing, packing, shipping, and handling produce shipped through parcel post.
Do.	do.	Maurestown, Woodstock, Mount Jackson, Broadway, Mount Sidney, Va. (Feb. 19-Mar. 3, 1915).	24.73	Do.	To observe conditions at the Garrett Co. Creamery, affecting the shipments of butter by parcel post and express, and to receive, examine, and return experimental shipments of eggs.
Do.	do.	Savannah, Ga.; Ridgeland, S. C.; Atlanta, Cordele, Milledgeville, Ga. (Apr. 14-30, 1915).	59.34	Do.	To make a preliminary survey, among the farmers of that region, to ascertain the possibility of marketing farm produce by parcel post and express shipments, as may be sent from Washington for that purpose.
Do.	do.	Atlanta, Athens, Woodbury, Columbus, Richland, Americus, Albany, Chula, Ashburn, Cordele, Marshallville, Ga. (May 1-31, 1915).	108.71	Do.	To investigate and demonstrate the practicability of utilizing the parcel post as a means of direct marketing of farm produce; also to make a study of what has already been done in marketing by parcel post in those cities.
Do.	do.	Woodstock, Mount Jackson, Broadway, Harrisonburg, Mount Sidney, Va. (June 13-19, 1915).	131.59	Do.	do.
Do.	do.		36.47	Do.	To make a study of shipping cherries and other produce by parcel post and express by actual shipments or otherwise, and to confer with farmers and others on marketing direct from producer to consumer by parcel post and express.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

## OFFICE OF MARKETS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Lippincott, Achsah....	Assistant in city marketing investigations.	Detroit, Mich.; Cleveland, Ohio; Rochester, N. Y.; Philadelphia, Pa.; New Haven, Conn.; Providence, R. I.; Boston, Mass.; Hartford, Conn.; New York, N. Y. (Mar. 4-29, 1915).	To investigate municipal marketing conditions in various cities as they relate to the marketing and distribution of farm products, and advising city officials and other civic bodies in those places regarding the establishment and maintenance of municipal markets.	\$178. 30	Marketing and distributing farm products, 1915.
Do.....	do.....	Hartford, Conn.; Providence, R. I. (May 18-24, 1915).	To investigate various problems connected with the establishment of a municipal wholesale and retail market for the better marketing and distribution of farm products, and conferring with city officials, market masters, etc., on that subject.	53. 21	Do.
Do.....	do.....	Lynchburg, Richmond, Va. (June 23-28, 1915).	To make a survey of local marketing conditions, consulting with civic officials and other interested parties, regarding the establishment of efficient marketing systems for the marketing and distributing of farm products.	34. 58	Do.
McConnell, O. J.....	Assistant in cotton marketing.	Tarboro, N. C. (Oct. 2-21, 1914).....	To investigate cotton handling and marketing and cooperative grading work, especially in cooperation with the North Carolina Department of Agriculture.	105. 60	Do.
Do.....	do.....	Tarboro, N. C. (Nov. 1-Dec. 5, 1914).....	do.....	144. 74	Do.
Do.....	do.....	Tarboro, N. C. (Dec. 27-31, 1914).....	To investigate cotton handling and marketing and cooperative grading work, especially with the North Carolina department of agriculture.	32. 93	Do.
Do.....	do.....	Raleigh, Tarboro, Petersburg, Pinetops, N. C. (Jan. 1-2, 1915).	do.....	94. 33	Do.
Do.....	do.....	Tarboro, Raleigh, N. C. (Feb. 1-6, 1915).....	To examine and select cotton for use in making the official cotton standards provided for in the United States cotton futures act.	29. 70	Do.
Do.....	do.....	Norfolk, Va.; Tarboro, Wilmington, Charlotte, N. C. (Feb. 8-14, 1915).	To investigate cotton handling and marketing conditions and the development of cooperative community organizations, particularly interested therein, collecting and grading samples to determine the range of grade and price of cotton, and cooperating with the North Carolina Agricultural and Mechanical College in developing better methods of handling and marketing cotton.	59. 57	Do.
Do.....	do.....	Tarboro, Raleigh, Greenville, Wilson, N. C. (Apr. 4-24, 1915).		95. 02	Do.



Martin, J. G.	do.	Houston, Galveston, San Antonio, Waco, Fort Worth, Tex.; Oklahoma City, Okla.; Fort Smith, Ark.; Memphis, Tenn. (July 1-20, 1914).	Visiting cotton exchanges, investigating the effect of cotton quotations in the cotton exchanges of the larger cities on actual prices paid for cotton in primary and other markets. To ascertain trade conditions in long-staple cotton markets, stocks of cotton on hand and probable demand for American staple cotton, and to study the classification of Egyptian grade for comparison with Arizona Egyptian grades.	154.91	Do.
Do.	do.	New York, N. Y.; Boston, Mass.; New Bedford, Fall River, Mass.; Providence, R. I. (Sept. 5-12, 1914).	To investigate cotton handling and marketing conditions, and to demonstrate the value of cooperative community organization to the farmers in the Salt River Valley of Arizona.	53.10	Do.
Do.	do.	Memphis, Tenn.; Mesa, Ariz. (Sept. 15-30, 1914).	do.	123.35	Do.
Do.	do.	Mesa, Phoenix, Chandler, Sacaton, Tempe, Tucson, Ariz.; El Centro, Calexico, Los Angeles, Cal.; New Orleans, La.; Memphis, Tenn. (Oct. 1, 1914-Jan. 5, 1915).	To examine and select cotton in tinges and stains to be used in making grades under the provisions of the United States cotton futures act.	616.34	Determining cotton standards and spot markets.
Do.	do.	Philadelphia, Pa. (Apr. 15-19, 1915).	To visit cotton dealers and examine and select such bales as can be used for making up the United States cotton standards.	54.90	Do.
Meadows, W. R.	Cotton technologist.	Houston, Galveston, Tex.; New Orleans, La.; Mobile, Lowndsboro, Montgomery, Birmingham, Ala. (July 1-20, 1914).	Visiting cotton exchanges, investigating the effect of cotton quotations in the cotton exchanges of the larger cities on actual prices paid for cotton in primary and other markets. To study approved plans for warehouses for cotton and to secure copies of same.	12.80	Marketing and distributing farm products, 1915.
Do.	do.	Hartford, Conn.; Boston, Lowell, Mass. (Aug. 21-25, 1914).	To investigate the reopening of cotton exchanges and to interview representatives of Liverpool Cotton Exchange regarding the establishment of standards.	103.24	Do.
Do.	do.	New York City (Aug. 28-31, 1914).	To appear before a committee of the Texas Legislature regarding marketing and storing of cotton, and to confer with C. F. Creswell.	47.15	Do.
Do.	do.	St. Louis, Mo.; Dallas, Austin, Tex.; Memphis, Tenn. (Sept. 5-12, 1914).	To consult with members of the Liverpool Cotton Exchange as to the adaptability for their purposes of the proposed official cotton standards of the United States, to compare said standards with those now in use by the Liverpool Cotton Exchange, to determine whether cotton tenderable in settlement of future contracts on the Liverpool Exchange is within the proposed official standards of the United States, and to study the conditions under which spot cotton is sold in the markets of Great Britain, with a view to determining which, if any, can be designated as bona fide spot markets under the provisions of the United States cotton futures act.	33.75	Determining cotton standards and spot markets.
Do.	do.	New York, N. Y.; Liverpool, England (Oct. 27, 1914-Jan. 25, 1915).		125.40	
				763.41	

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

## OFFICE OF MARKETS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Meadows, W. R.....	Cotton technologist...	Norfolk, Va.; Savannah, Augusta, Ga.; Memphis, Tenn.; Little Rock, Ark.; Dallas, Waco, Houston, Galveston, Tex.; New Orleans, La.; Montgomery, Ala. (Feb. 3-16, 1915).	To visit cotton exchanges to secure information to be used in determining and designating spot markets, and to obtain other data which may be used in the administration of the cotton futures act.	\$199.51	Determining cotton standards and spot markets.
Do.....	do.....	Boston, Mass.; New York, N. Y. (Feb. 27-Mar. 3, 1915).	To secure relative information and assist in the proper enforcement of the provisions of the United States cotton futures act.	43.95	Do.
Do.....	do.....	Memphis, Tenn.; Little Rock, Ark.; Dallas, Houston, Galveston, Tex.; New Orleans, La.; Mobile, Montgomery, Selma, Lowndesboro, Ala. (Mar. 3-17, 1915).	do.....	132.09	Do.
Do.....	do.....	Louisville, Ky.; Memphis, Tenn.; Little Rock, Ark.; Oklahoma City, Ardmore, Okla.; Fort Worth, Dallas, Houston, Galveston, Tex.; New Orleans, La.; Pass Christian, Miss.; Mobile, Montgomery, Ala.; Charleston, S. C.; Savannah, Augusta, Ga.; Charlotte, N. C.; Norfolk, Va. (Apr. 12-May 2, 1915).	do.....	218.55	Do.
Meyer, Herman F.....	Assistant in marketing dairy products.	Richmond, Norfolk, Portsmouth, Newport, News, Va.; Raleigh, Monroe, Charlotte, Hamlet, Mooresville, Wilmington, N. C.; Charleston, S. C. (May 1-15, 1915).	To investigate markets for and the methods of marketing dairy products in the South.	112.25	Marketing and distributing farm products, 1915.
Do.....	do.....	Clemson College, S. C.; Atlanta, Ga.; Birmingham, Ala.; Nashville, Tenn.; Montgomery, Auburn, Mobile, Ala.; Pensacola, Fla.; New Orleans, Baton Rouge, La.; Vicksburg, Miss.; Memphis, Tenn.; Asheville, Statesville, Hickory, N. C.; Knoxville, Chattanooga, Cowan, Winchester, Decherd, Chapel Hill, Tenn.; Columbus, Artesia, Miss. (June 1-30, 1915).	do.....	237.88	Do.
Mills, Thomas B., Jr....	Assistant in cotton business methods.	New York, N. Y. (Apr. 20-26, 1915).....	To confer with the members of the New York Cotton Exchange relative to the requirements of the United States cotton futures act, and to assist in the proper enforcement of the provisions of the act.	34.10	Determining cotton standards and spot markets.

Do.....	do.....	New York, N. Y. (May 14-17, 1915).....	To confer with the members of the New York Cotton Exchange relative to disputes arising under the United States cotton futures act. Conferring with interested parties re forms for use in enforcement of cotton futures act, and other matters in connection therewith.	17.46	Do.
Do.....	do.....	New York, N. Y. (May 29-June 3, 1915)....	To confer with members of the New York Cotton Exchange and the representatives of the Treasury Department in New York with a view to securing information relative to the disputes referred to the Secretary of Agriculture.	20.50	Do.
Do.....	do.....	New York, N. Y. (June 18-24, 1915).....	To attend Farmers' Chatauqua and to speak on cooperative marketing and confer with producers regarding methods of organizing cooperative marketing associations.	38.40	Do.
Moomaw, C. W.....	Specialist in cooperative organization.	Williamston, S. C. (Aug. 4-7, 1914).....	To consult with persons interested in the distribution and marketing of Colorado farm products, and investigating the sustems of marketing used by the producers of that State.	42.75	Marketing and distributing farm products, 1915.
Do.....	do.....	Denver, Palisades, Grand Junction, Delta, Austin, Hotchkiss, Paonia, Montrose, Salida, Canon City, Colorado Springs, Colo. (Oct. 17-31, 1914).	To investigate the distribution and marketing of farm products and to confer with distributors of such products, with a view to securing information as to methods that may be applied practically to the agricultural industries of the State of Colorado, and investigations also to extend to the cooperative canneries of the Northwest and California, with a view to securing information for the publication of a bulletin on the cooperative utilization of farm by-products.	203.06	Do.
Do.....	do.....	Chicago, Ill.; Denver, Colo.; Pendleton, Oreg.; Walla Walla, Spokane, North Yakima, Seattle, Puyallup, Tacoma, Wash.; Portland, Hood River, Oreg.; Sacramento, San Francisco, Los Angeles, Cal.; Salt Lake City, Utah, Denver, Colo. (Nov. 28-Dec. 23, 1914).	To address the New York Conference of Cooperative Organization at Utica and to investigate the methods of storage and handling of apples at up-state shipping points, and also to investigate the apple marketing conditions in New York City.	344.98	Do.
Do.....	do.....	New York City, Utica, Rochester, Albion, Lockport, N. Y.; Boston, Mass. (Jan. 13-22, 1915).	To investigate the distribution and marketing of farm products. Interview members and representatives of the apple "trade," especially in reference to shipments to foreign markets.	81.79	Do.
Do.....	do.....	New York City (Apr. 2-5, 1915).....	To investigate the marketing and distribution of farm products, especially auction methods of marketing farm products.	31.80	Do.
Do.....	do.....	New York City (Apr. 10-11, 1915).....	To investigate conditions and methods of cooperative marketing and distributing of strawberries and other farm products in the region outlined.	23.60	Do.
Do.....	do.....	New Orleans, Hammond, Ponchatoula, Independence, Amite, Tickfaw, La.; Roanoke, Va. (Apr. 21-May 5, 1915).		117.86	Do.



*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

## OFFICE OF MARKETS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Moornaw, C. W.....	Specialist in cooperative organization.	Chicago, Ill.; Denver, Colo.; Portland, Conn.; Hood River, Eugene, Newberg, Forest Grove, Salem, Oreg.; Spokane, Wenatchee, Seattle, Tacoma, Puyallup, Sumner, Wash.; Longmire Springs, San Francisco, Cal. (June 22-30, 1915).	To investigate the operation of cooperative canning plants and the utilization of fruit by-products, and the marketing and distributing of fruits, the information to be used in preparing manuscripts for bulletins; also authorized to visit other points in the above-named States in such order and as often as may be necessary for the purpose indicated.	\$340.04	Marketing and distributing farm products, 1915.
More, C. T.....	Investigator.	Blackville, S. C. (Aug. 5-11, 1914).	To investigate the grading, packing, and marketing of cantaloupes.	57.40	Do.
Do.....	do.	Norfolk, Va.; Laurenburg, N. C.; Atlanta, Cornelia, Ga. (July 28-Aug. 5, 1914).	To investigate the grading, packing, shipping, and marketing of cantaloupes and peaches.	75.85	Do.
Do.....	do.	Wyoming, Del., Philadelphia, Pa. (Aug. 18-19, 1914).	To investigate the picking, packing, and marketing of peaches, cantaloupes, and other perishable farm products.	21.39	Do.
Do.....	do.	Keyser, Romney, W. Va.; Hagerstown, Md.; Chambersburg, Pa. (Aug. 24-29, 1914).	To investigate the grading, packing, and marketing of cantaloupes and other perishable products.	35.59	Do.
Do.....	do.	Ordway, Rocky Ford, Colorado Springs, Denver, Lupton, Colo.; Wichita, Kans.; Cincinnati, Ohio; Pittsburg, Pa. (Sept. 4-30, 1914).	do.	205.35	Do.
Do.....	do.	Philadelphia, Pa. (Oct. 5-7, 1914).	To attend seventh annual convention of the Vegetable Growers' Association, to obtain information in regard to grades, standards, containers, and methods of packing vegetables, and to inspect nearby truck farms.	16.15	Do.
Do.....	do.	New York City, Boston, Mass.; Presque Isle, Fort Fairfield, Caribou, Houlton, Me. (Oct. 25-Nov. 4, 1914).	To investigate grades and standards in use and needed in the shipping of potatoes in connection with the marketing and distributing of farm products.	84.65	Do.
Do.....	do.	Mobile, Ala.; New Orleans, Baton Rouge, Shreveport, La.; Texarkana, Mansfield, Tex.; Vicksburg, Jackson, Meridian, Miss. (Jan. 10-23, 1915).	To consult with State and local officials, commission merchants, and others connected with the distribution and marketing of farm products, to study quantities, qualities, and grades consumed and preferred in the points visited and tributary thereto, and to devise ways and means for improving the marketing of the products of diversified farming in the cotton belt.	178.57	Do.

Do.	.....do.....	Tampa, Jacksonville, St. Augustine, Miami, Homestead, Goulds, Palm Beach, Titusville, Enterprise, Sanford, Lakeland, Plant City, Bradentown, Palmetto, Ellerton, Manatee, Starke, Jacksonville, Bartow, Fla.; Georgia and South Carolina (Mar. 14-Apr. 4, 1915). New York, N. Y. (Apr. 9-11, 1915).	167.30	To investigate methods of preparing, grading, and packing truck crops, and consulting with growers and shippers of farm products.	Do.
Do.	.....do.....	Norfolk, Va. (Apr. 12-15, 1915).	21.90	To investigate the methods used and results obtained in connection with the marketing of fruits through the auction system, and to obtain other information regarding the marketing of perishable farm products.	Do.
Do.	.....do.....	Mount Olive, N. C., via Wilson, Jacksonville, Hastings, Fla.; Savannah, Ga.; Beaufort, Seabrook, Charleston, Meggett, S. C.; Youngs Island, S. C.; Norfolk, Va.; Baltimore, Md. (May 26-June 1, 1915).	18.70	To attend the convention of National Basket and Fruit Package Manufacturers' Association, Apr. 13, 14, 15, to acquire information from the discussions on standardizing packages, and to consult with committees of that convention relative to such a standardization.	Do.
Nahstoll, G. A.	Assistant in cooperative organization accounting.	Staunton, Va. (July 23-25, 1914).	103.63	To investigate the methods of handling, grading, packing and shipping of strawberries, potatoes, and other farm products.	Do.
Do.	.....do.....	Riverhead, N. Y.; Dover, Del. (Aug. 13-22, 1914).	12.95	To arrange for system of accounting in Virginia Fruit Growers (Inc.).	Do.
Do.	.....do.....	Staunton, Va. (Aug. 25-28, 1914).	44.50	To watch the operation of the system of accounting records being used by the Long Island Potato Exchange, Riverhead, N. Y., and Dover, Del., Produce Exchange, with the view of making improvements.	Do.
Do.	.....do.....	New York City, Riverhead, N. Y. (Sept. 9-20, 1914).	15.05	To install an experimental accounting and recording system in a cooperative fruit growers association, Staunton, Va.	Do.
Do.	.....do.....	Staunton, Va. (Oct. 14-23, 1914).	45.82	To revise the experimental systems of accounts installed in the Long Island Potato Exchange.	Do.
Do.	.....do.....	New York City, Riverhead, N. Y. (Oct. 28-Nov. 1, 1914).	26.53	To inspect the operation of the system of accounts installed by the Office of Markets in the office of the Virginia Fruit Growers (Inc.).	Do.
Do.	.....do.....	Staunton, Va. (Jan. 28-31, 1915).	34.02	To attend New York City Business Show and to observe operation of accounting system installed by the Office of Markets at the Long Island Potato Exchange, Riverhead, N. Y.	Do.
Do.	.....do.....		18.00	To inspect the operation of the accounting system devised by the Office of Markets and installed in the office of the Virginia Fruit Growers (Inc.), at Staunton, Va.	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

## OFFICE OF MARKETS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Nahstoll, O. A.....	Assistant in cooperative organization accounting.	Richmond, Petersburg, Va. (Feb. 24-Mar. 2, 1915).	To advise the officers of the Farmers' and Consumers' Cooperative Co. of Virginia (Inc.) regarding the installation of accounts and auditing.	\$33.62	Marketing and distributing farm products, 1915.
Do.....	do.....	New York City, Brooklyn, N. Y.; West Hoboken, Paterson, N. J. (Mar. 19-25, 1915).	To investigate the organization of farmers and consumers cooperative stores and the accounting system in use by these organizations, and to gather material for use in preparing a system of accounts for such organizations.	43.55	Do.
Do.....	do.....	Richmond, Petersburg, Va. (Mar. 31-Apr. 15, 1915).	To install in the office of the Farmers' and Consumers' Cooperative Store, Richmond, Va., and in the office of the South Side Exchange at Petersburg, Va., the accounting system devised by the Office of Markets and Rural Organization.	51.41	Do.
Do.....	do.....	Richmond, Petersburg, Va. (Apr. 29-30, 1915).	To supervise the operation of the accounting system installed in the office of the Farmers & Consumers' Exchange, Petersburg, Va., and assist in properly closing the books of these systems for the month of April.	23.73	Do.
Do.....	do.....	Detroit, Lansing, Mich.; Charlotte, N. C.; Nashville, Tenn.; Middleville, Grand Rapids, Coopersville, Alto, Vriesland, Zeeland, Mich.; Milwaukee, Wis.; Madison, Oreg.; New Lisbon, Iowa, Sparta, West Salem, La Crosse, Mo.; St. Paul, Minn.; Clear Lake, Turtle Lake, Barron, Cameron, Wis.; St. Paul, Minn.; Delano, Watertown, Northfield, Faribault, Owatonna, Medford, Albert Lea, Nora Junction, Minn.; Algona, Burt, Ames, Des Moines, Iowa; St. Louis, Mo.; Centralia, Ill.; New Albany, North Vernon, Ind.; Louisville, Ky.; Moores Hill, Ind.; Cincinnati, Columbus Ohio (May 13-June 23, 1915).	To investigate the accounting methods of creameries and cheese factories, with a view of ascertaining what improvements, if any, may be advisable, and to secure material for use in devising a uniform system of accounting for organizations marketing and distributing dairy products.	228.04	Do.
Neal, W. C.....	Assistant in cotton classing.	Boston, Fall River, Mass.; Providence, R. I. (Feb. 7-11, 1915).	To acquire information to be used in determining spot markets, under provisions contained in the cotton futures act.	46.26	Determining cotton standards and spot markets.



Do.	.....do.	New York, N. Y.; Boston, Fall River, Mass.; Providence, R. I. (Feb. 14-28, 1915).	91.50	Do.
Do.	.....do.	New York, N. Y.; Boston, Fall River, Mass. (Feb. 28-Mar. 23, 1915).	127.35	Do.
Do.	.....do.	St. Louis, Mo.; Little Rock, Fort Smith, Ark.; Paris, Dallas, Sherman, Tex.; Corsicana, Waco, Houston, San Antonio, Tex.; St. Louis, Mo. (Apr. 20-May 12, 1915).	255.89	Do.
Nixon, R. L.	Scientific assistant.	Greensboro, Charlotte, Gastonia, N. C.; Greenville, Greenwood, S. C.; Elberton, Royston, Athens, Atlanta, Ga.; Birmingham, Ala.; Macon, Sparta, Augusta, Ga.; Trenton, Columbia, S. C. (Aug. 26-Sept. 7, 1914).	106.33	Marketing and distributing farm products, 1915.
Do.	.....do.	Tarboro, Raleigh, Goldsboro, Scotland Neck, Greenville, Wilson, Spring Hope, Rocky Mount, N. C. (Oct. 23-31, 1914).	56.60	Do.
Do.	.....do.	Athens, Atlanta, Tifton, Valdosta, Quitman, Albany, Leesburg, Americus, Columbus, Macon, Augusta, Camak, Ga.; Opelika, Ala. (Jan. 8-22, 1915).	126.37	Do.
Do.	.....do.	Lexington, Louisville, Hopkinsville, Ky. (Feb. 28-Mar. 5, 1915).	72.55	Do.
Do.	.....do.	Atlanta, Forsyth, Winder, Athens, Augusta, Ga.; Columbia, S. C. (Apr. 27-May 11, 1915).	68.83	Do.
Do.	.....do.	St. Louis, Mo.; Little Rock, Ark.; Valley Junction, Hearne, Austin, Tex.; Tempe, Mara, Phoenix, Ariz.; El Centro, Los Angeles, San Francisco, Cal. (May 7-June 7, 1915).	214.73	Do.
Do.	.....do.	Jackson, Vicksburg, Greenville, Leland, Indianola, Belzone, Yazoo City, Greenwood, Clarksdale, Miss.; Memphis, Tenn.; Holly Springs, New Albany, Tupelo, Corinth, West Point, Meridian, Miss. (June 8-28, 1915).	144.30	Do.
Parker, Henry B.	Specialist in cotton classing.	Boston, Fall River, Mass.; Providence, R. I. (Feb. 7-11, 1915).	46.26	Determining cotton standards and spot markets.
Do.	.....do.	New York, N. Y.; Boston, Fall River, Mass.; Providence, R. I. (Feb. 14-20, 1915).	61.45	Do.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

## OFFICE OF MARKETS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Parker, Henry B.....	Specialist in cotton classing.	Savannah, Augusta, Ga.; Charleston, S. C.; Norfolk, Va. (Feb. 20-27, 1915).	To secure information to be used in determining commercial differences under the provisions of the United States cotton futures act. To investigate the cotton market conditions and obtain data for use in the enforcement of the United States cotton futures act. To secure relative information and assist in the proper execution of the provisions of the United States cotton futures act.	\$41.87	Determining cotton standards and spot markets.
Do.....	do.....	New York, N. Y. (Mar. 14-17, 1915).....		26.50	Do.
Do.....	do.....	Louisville, Ky.; Memphis, Tenn.; Little Rock, Ark.; Oklahoma City, Ardmore, Okla.; Dallas, Houston, Galveston, Fort Worth, Tex.; New Orleans, La.; Pass Christian, Miss.; Mobile, Montgomery, Ala.; Savannah, Ga.; Charleston, S. C. (Apr. 12-May 2, 1915).		219.78	Do.
Do.....	do.....	St. Louis, Mo.; Houston, Galveston, Tex.; New Orleans, La.; Birmingham, Ala.; Atlanta, Augusta, Ga.; Charlotte, Hamlet, N. C.; Norfolk, Va. (June 9-24, 1915).		195.43	Marketing and distributing farm products, 1915.
Peterson, R. M.....	Scientific assistant.....	Calhoun, Clemons, Greenville, Greenwood, Columbia, Sumter, Wedgefield, Florence, Anderson, Spartanburg, S. C. (Jan. 8-22, 1915).	To select samples of cotton representing blues, tinges, and stains to be used in determining the marketability of such cotton, in conjunction with the United States standards; also to investigate cotton market conditions and obtain data from inferior concentration points in connection with the use of the United States official cotton standards. To consult State and local officials and producers and others interested in the handling and distribution of farm products, for the purpose of devising ways and means to assist in the marketing of the products of diversified farming. To interview transportation officials, growers, shippers, dealers, and others interested in the raising and marketing of strawberries, peaches, and tomatoes, for the purpose of establishing a limited market news service.	97.65	Do.
Do.....	do.....	Chadbourne, Mount Tabor, N. C.; Ardmore, Castlebury, Ala.; New Orleans, Hammond, Ponchatoula, La.; Hattiesburg, Sanford, Meridian, Miss.; York, Mobile, Thorsby, Birmingham, Hanceville, Cullman, Decatur, Ala.; Chattanooga, Rathbury, Bakewell, Sale Creek, Graysville, Dayton, Evansville, Spring City, Harriman, Knoxville, Nashville, Jackson, Bells, Gadsden, Humboldt, Medina, Milan, Bradford, Greenfield, Sharow, Kenton, Rutherford, Dyer Halls, Gates, Curve, Ripley, Union City, Gibbs, Tenn.;		284.87	Do.

Poe, H. T., Jr.	Market specialist, cotton seed and its products.	Fulton, Ky.; Anna, Mounds, Villa Ridge, Cairo, Ill.; Paducah, Louisville, Ky.; Borden, New Albany, Ind.; Bowling Green, Ky.; Cincinnati, Ohio (Apr. 8-May 5, 1915).	75.03	Do.	To make a reconnaissance of the effect of the ravages of the pink boll worm on the market for cotton and cotton seed and their products. To make studies of cottonseed oil mills cooperatively owned and operated by cotton planters, and to investigate the handling and marketing of cotton seed and its products.
Do.	do.	Memphis, Tenn.; Minder City, Greenwood, Clarksdale, Lyon, Miss. (Nov. 13-28, 1914).	127.86	Do.	do.
Do.	do.	Memphis, Tenn.; New Orleans, La.; Mobile, Ala.; Gulfport, Starkville, Agricultural College, West Point and Jackson, Chattanooga, Tenn.; Birmingham, Ala.; Oklahoma City, Okla.; Little Rock, Ark.; Greenville, S. C. (Nov. 28-Dec. 2, 1915).	214.79	Do.	do.
Do.	do.	Birmingham, Ala.; Greenville, S. C.; Atlanta, Ga. (May 15-21, 1915).	71.45	Do.	To deliver an address before the annual convention of the Interstate Cotton Seed Crushers' Association at Birmingham, Ala., and to secure certain information in Atlanta, Ga., and Columbia, S. C., relative to the marketing of cotton seed and its products.
Do.	do.	Memphis, Tenn.; Little Rock, Ark.; Savannah Tybee Island, Atlanta, Ga.; Old Point Comfort, Va. (June 5-24, 1915).	146.10	Do.	To discuss preparation of cotton seed for market at the alumni meeting of the Arkansas Cotton Seed Crushers' Association at Little Rock, Ark., on June 8, making a preliminary survey and arrangements for a study of marketing cotton seed in bags or sacks at other places and discussing cotton seed marketing at the joint meeting of the North and South Carolina Cotton Seed Crushers' Association at Virginia Beach, June 22, 23, 24.
Potts, Roy C.	Specialist in marketing dairy products.	Mobile, Citronelle Bay, Minette, Auburn, Tuscaloosa, Ala.; Starkville, West Point, Okolona, Macon, Meridian, Jackson, Brookhaven, Miss.; Hammond, Baton Rouge, La. (Feb. 6-19, 1915).	149.86	Do.	To investigate facilities for handling and marketing dairy products.
Do.	do.	Detroit, Lansing, Mich.; Chicago, Ill.; Plymouth, Madison, Wis.; St. Paul, Minn.; Mason City, Iowa (Mar. 3-12, 1915).	116.04	Do.	To investigate market conditions and methods of marketing and distributing dairy products.
Do.	do.	Charlottesville, Va. (Mar. 17-18, 1915).	3.45	Do.	To attend a convention of the Virginia creamery operators and to make an address before that convention on the subject of the marketing of dairy products.
Do.	do.	Greenville, Calhoun, S. C. (Mar. 23-26, 1915).	37.35	Do.	To attend a conference of Southern dairymen and State agents at Greenville, S. C.; also to study methods used by creameries in the marketing of butter and butter markets.



*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

## OFFICE OF MARKETS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Potts, Roy C.....	Specialist in marketing dairy products.	Grand Rapids, Mich.; Chicago, Ill.; Madison, Wis. (Mar. 30-Apr. 10, 1915).	To attend a meeting of the Michigan cooperative creamerymen at Grand Rapids and a meeting of the Minnesota Cooperative Creamerymen's Association at St. Paul, Minn., and to make addresses before these two meetings on the subject of "Cooperation in the marketing of creamery butter"; also to study methods of marketing butter by creameries and butter markets.	\$114.38	Marketing and distributing farm products, 1915.
Do.....	do.....	Chicago, Ill.; Nicollet, New Ulm, Mankato, Albert Lea, St. Paul, Minn. (May 10-16, 1915).	To make a survey and study conditions relative to cooperative marketing of Minnesota creamery butter.	86.78	Do.
Do.....	do.....	Frederick, Md. (June 19, 1915).....	To make a preliminary survey of the marketing of dairy products produced in Frederick County, Md., and to address a meeting of the Farmers' Association of Frederick, Md.	4.04	Do.
Do.....	do.....	Statesville, Hickory, Swannanoa, N. C. (June 22-25, 1915).	To attend a meeting of creamerymen, dairy officials, and marketing specialists to devise plans for marketing southern creamery butter; also to visit and inspect creameries at Hickory and Greensboro and such other points in North Carolina as may be necessary.	31.85	Do.
Powell, T. F.....	Investigator in transportation, of farm products.	Atlanta, Savannah, Ga.; Columbia, S. C. (Jan. 17-24, 1915).	To secure information concerning the actual movement of foodstuffs and agricultural products into the South from distant sections, and to confer with railroad officials in relation to securing their cooperation in certain phases of the work of Office of Markets and Rural Organization.	77.90	Determining cotton standards and spot markets.
Do.....	do.....	Atlanta, Ga.; Louisville, Ky.; Cincinnati, Ohio (Apr. 19-25, 1915).	To attend a meeting of the Southeastern Claim Conference at Atlanta and investigate the loss and damage sustained at times at Louisville and Cincinnati on account of delay from congested terminals in accomplishing and reconsignment, and delay due to embargoes placed by lines from these points in connection with the marketing and distributing of farm products.	79.22	Marketing and distributing farm products, 1915.

Do.....do.....do.....	Cincinnati, Ohio; Louisville, Ky.; St. Louis, Springfield, Kansas City, Mo.; Omaha, Nebr.; St. Paul, Minn.; Chicago, Ill. (May 2-16, 1915).	To arrange with railroads and express officials to furnish certain information regarding movement of perishable farm products to be used in connection with the market news service, and to attend the semiannual meeting of the Railway Development Association at St. Paul.	154.86	Do.
Do.....do.....do.....	Wilmington, Del.; Philadelphia, Pa.; New York, N. Y.; (May 21-25, 1915).	To arrange with railroad officials to furnish a report of movements of perishable commodities in connection with the collection of market news information.	31.25	Do.
Do.....do.....do.....	Norfolk, Va.; Wilmington, N. C.; Savannah, Augusta, Atlanta, Macon, Albany, Ga. (May 31-June 10, 1915).	To secure the cooperation of various railroads in the market news service for the distribution of farm produce.	97.75	Do.
Do.....do.....do.....	Statesville, N. C. (June 22-24, 1915).....	To attend conference of representatives of North Carolina creameries and investigate transportation arrangements for the marketing of their products.	27.00	Do.
Rice, J. A.....Clerk.....	Newark, Jersey City, N. J.; New York, Brooklyn, N. Y. (Sept. 28-Oct. 2, 1914).	To investigate methods and costs of marketing meats and by-products of meats.	28.98	Do.
Do.....do.....do.....	Baltimore, Annapolis, Md. (Nov. 5-6, 1914).	To secure information regarding methods and costs of marketing meats and meat products.	6.35	Do.
Schleussner, O. W.....Market assistant.....	New Orleans, Independence, Hammond, Albany, Ponchatoula, Amite, La.; Osyka, Miss.; Castleberry, Brewton, Ala. (Mar. 6-15, 1915).	To interview growers, shippers, and others engaged in the production and marketing of berries and vegetables in connection with the establishment of a limited market news service.	115.40	Do.
Do.....do.....do.....	Baltimore, Md.; Philadelphia, Pa.; New York, N. Y.; Boston, Mass.; Buffalo, N. Y.; Cleveland, Ohio; Detroit, Mich.; Chicago, Ill.; Milwaukee, Wis.; Minneapolis, St. Paul, Minn.; Sioux City, Des Moines, Iowa; Denver, Colo.; Kansas City, St. Louis, Mo.; Indianapolis, Ind.; Cincinnati, Columbus, Ohio; Omaha, Nebr.; Pittsburgh, Pa. (Mar. 16-Apr. 6, 1915).	To make investigations of marketing and distributing farm products and selecting correspondents for market news service.	239.71	Do.
Do.....do.....do.....	Chadbourne, Mount Tabor, N. C.; New Orleans, Hammond, Ponchatoula, Independence, Amite, La. (Apr. 8-30, 1915).	To interview the transportation officials, growers, shippers, dealers, and others interested in the raising and marketing of strawberries, peaches, and tomatoes, for the purpose of establishing a limited market news.	143.30	Do.
Do.....do.....do.....	New York, N. Y.; Boston, Mass.; Philadelphia, Pa. (May 15-20, 1915).	To visit California cantaloupe distributors to aid them in the marketing of the 1915 crop.	30.05	Do.
Do.....do.....do.....	Pittsburgh, Cincinnati, Ohio; Chicago, Ill.; Los Angeles, Cal. (May 20-31, 1915).	To visit the principal handlers of cantaloupes and the regions of important production, for the purpose of perfecting arrangements pertaining to the inauguration of a market news service for this crop.	150.00	Do.

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## OFFICE OF MARKETS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Schleussner, O. W. ....	Market assistant. ....	Los Angeles, Browley, Calexico, Cal. (June 1-30, 1915).	To perfect arrangements pertaining to the investigation of a market news service for this crop.	\$184.46	Marketing and distributing farm products, 1915.
Seeds, K. B. ....	Assistant in marketing.	New Orleans, Baton Rouge, Tallulah, Lake Providence, Newellton, St. Joseph, La.; Natchez, Vicksburg, Jackson, Yazoo City, Canton, Meridian, Macon, Miss.; Galveston, San Antonio, Jourdanton, Tex.; St. Louis, Mo. (June 9-29, 1915).	To investigate the methods of marketing grain or hay both for domestic use and export trade.	238.93	Do.
Sherman, Caroline B. ....	Scientific assistant. ....	Knoxville, Chattanooga, Tenn.; Kansas City, Manhattan, Kans.; Denver, Grand Junction, Colo.; Provo, Salt Lake City, Logan, Utah; Hacen, Reno, Nev.; Auburn, Sacramento, San Francisco, Los Angeles, San Diego, Cal.; Yuma, Phoenix, Ariz.; New Orleans, La.; Thorsby, Montgomery, Ala. (May 19-June 27, 1915).	To make studies of cooperative and other organized effort, among farmers' families, and other forms of cooperation in rural communities, with a view to providing a basis for a broader utilization of worthy methods and results.	\$72.96	Investigation of rural co-operation, 1915.
Sherman, John H. ....	Collaborator. ....	Norfolk, Va.; Boston, Mass.; New York, N. Y. (July 1-12, 1914).	To investigate the construction and methods of operation of municipal public markets.	70.27	Marketing and distributing farm products, 1915.
Do. ....	do. ....	Rochester, N. Y.; Cleveland, Ohio; Detroit, Mich.; Chicago, Ill. (Apr. 7-28, 1915).	To study different types of municipal wholesale and retail market buildings, terminal market systems, and other similar institutions connected with the marketing and distribution of farm products in cities.	111.96	Do.
Sherman, W. A. ....	Specialist in market surveys.	New York, N. Y.; Boston, Mass. (July 16-19, 1914).	To consult with commission merchants and other wholesale and retail dealers in farm products and to investigate conditions in city markets with regard to the feasibility of insuring a market news service.	37.50	Do.
Do. ....	do. ....	Buffalo, N. Y.; Chicago, Ill.; Milwaukee, Wis.; St. Paul, Minneapolis, Minn. (July 22-Aug. 8, 1914).	To consult with commission merchants, wholesale and retail dealers in farm products, and to investigate conditions in city markets.	102.59	Do.
Do. ....	do. ....	Boston, Springfield, Mass.; Providence, R. I. (Sept. 4-11, 1914).	To supervise market surveys already under way and to interview prospective employees.	40.75	Do.
Do. ....	do. ....	Norfolk, Va.; Charleston, S. C.; Savannah, Augusta, Atlanta, Macon, Ga.; Montgomery, Selma, Mobile, Ala. (Oct. 28-Nov. 9, 1914).	To interview members of spot-cotton exchanges and others concerning the methods in vogue in determining questions on cotton and other products and to secure information which will be useful in connection with the enforcement of the cotton futures act.	122.01	Determining cotton standards and spot markets.



Do.....	do.....	Calhoun, Clemson College, Greenville, Union, Columbia, Charleston, S. C.; Wilmington, Goldsboro, Raleigh, N. C.; Norfolk, Va. (Jan. 8-18, 1915).	To consult State and local officials, producers, and others interested in the handling and distribution of farm products with a view to devising ways and means to assist in marketing of the products of diversified farming. To visit cotton exchanges to secure information to be used in determining and designating spot markets and to obtain other data which may be used in the administration of the cotton futures act.	86.85	Marketing and distributing farm products, 1915.
Do.....	do.....	Norfolk, Va.; Savannah, Augusta, Ga.; Memphis, Tenn.; Little Rock, Ark.; Dallas, Waco, Houston, Galveston, Tex.; New Orleans, La. (Feb. 3-15, 1915).	To consult with persons engaged in the fruit and produce industry, State officials and others, concerning matters incident to marketing and distributing farm products and especially with reference to the inauguration of a market news service.	160.51	Determining cotton standards and spot markets.
Do.....	do.....	New York, N. Y. (Apr. 7-9, 1915).	To consult the growers, distributors, and State officials interested in the handling and marketing of fruits and vegetables, to supervise the work of various assistants in the field, and to arrange for the inauguration of new work.	18.78	Marketing and distributing farm products, 1915.
Do.....	do.....	St. Louis, Springfield, Mo.; Tulsa, Muskogee, Okla.; Fort Worth, El Paso, Tex.; Yuma, Ariz.; Brawley, San Diego, Los Angeles, San Francisco, Sacramento, Cal.; Houston, Jacksonville, Tex.; Little Rock, Ark.; Memphis, Tenn. (June 5-28, 1915).	To investigate methods and costs of marketing and butchering live stock.	335.01	Do.
Simpson, F. M.....	Market specialist.....	Baltimore, Md.; Richmond, Va.; The Plains, Gainesville, Va. (July 23-27, 1914).	To study the general live-stock movement and investigate methods and costs of marketing live stock, meat, and meat products. To ascertain methods and costs of marketing live stock from western producing areas, including distribution and final delivery of the meat and by-products from said shipments.	24.60	Do.
Do.....	do.....	Chicago, Ill.; Kansas City, Mo.; Fort Worth, Tex.; Denver, Colo.; Omaha, Nebr.; St. Louis, Mo. (Aug. 2-15, 1914).	do.....	157.00	Do.
Do.....	do.....	Chicago, Ill.; Gillette, Moorcroft, Wyo.; Billings, Miles City, Malta, Great Falls, Mont. (Aug. 23-Sept. 5, 1914).	To investigate methods and cost of marketing and butchering live stock and to follow shipments of live stock from point of origin.	98.42	Do.
Do.....	do.....	Malta, Mont.; New Rockford, N. Dak.; St. Paul, Minn.; Chicago, Ill.; Boston, Mass.; Providence, R. I.; New York, N. Y. (Sept. 1-19, 1914).	To ascertain methods and cost of marketing live stock from western producing areas, including the distribution and final delivery of the meat and by-products.	131.31	Do.
Do.....	do.....	Markham, Va. (Sept. 26, 1914).	To ascertain methods and cost of marketing live stock from western producing areas, including the distribution and final delivery of the meat and by-products derived from such shipments.	10.00	Do.
Do.....	do.....	Baltimore, Md. (Sept. 27-29, 1914).		5.55	Do.
Do.....	do.....	Chicago, Ill.; Portland, Oreg.; Seattle, Wash.; Denver, Colo.; Fort Worth, Tex. (Oct. 3-31, 1914).		287.62	Do.
Do.....	do.....	Fort Worth, Beaumont, Tex.; New Orleans, La.; Memphis, Tenn.; Louisville, Ky. (Nov. 1-14, 1914).		92.72	Do.

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## OFFICE OF MARKETS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Simpson, F. M.	Market specialist	St. Louis, Mo.; Paris, Fort Worth, Sherman, Tex.; Denver, Fort Collins, Colo. (Nov. 15-21, 1914).	To ascertain methods and cost of marketing live stock from western producing areas, including the distribution and final delivery of the meat and by-products delivered from such shipments.	\$126.54	Marketing and distributing farm products, 1915.
Do.	do.	Fort Collins, Eaton, Denver, Colo.; Chicago, Ill. (Nov. 29-Dec. 5, 1914).	do.	110.17	Do.
Do.	do.	Richmond, Va.; Raleigh, N. C.; Columbia, Charleston, S. C.; Savannah, Ga.; Jacksonville, Tampa, Fla.; Waycross, Valdosta, Thomasville, Moultrie, Atlanta, Athens, Ga. (Jan. 10-16, 1915).	To investigate live-stock market facilities and methods of marketing live stock, meat and meat produce, the operation of stockyards and the possibility of extending the use of local products, and otherwise improving the conditions of marketing southern animals.	150.41	Do.
Do.	do.	Chicago, Kirkland, Ill. (Feb. 2-6, 1915).	To investigate live-stock marketing facilities and methods of marketing live stock, meat and meat products.	130.27	Do.
Do.	do.	Lancaster, Philadelphia, Pa.; New York, N. Y.; Providence, R. I. (Mar. 30-Apr. 11, 1915).	To make a study of the stockyard conditions, the importation of Argentine meats, and also to make a study of local price conditions at Providence, R. I.	73.81	Do.
Do.	do.	Chicago, Ill.; Denver, Colo.; Amarillo, Tama, Panhandle, Bovina, Tex.; Fort Collins, Colo. (May 27-June 13, 1915).	To study the live-stock markets and obtain information on the feasibility of a plan for bringing together the producer and consumer of feeder stock, and in conjunction with some of the State officials, to make a special study of the live-stock marketing conditions in the State of Colorado.	177.21	Do.
Do.	do.	Denver, Pueblo, Manzanola, Rocky Ford, Colorado Springs, Steamboat Springs, Craig, Axial, Meeker, Colo. (June 14-30, 1915).	do.	121.61	Do.
Slade, Harold C.	Assistant in cotton marketing.	Greensboro, Charlotte, N. C.; Atlanta, Augusta, Ga.; Birmingham, Ala.; Memphis, Tenn.; St. Louis, Mo. (Jan. 19-Feb. 6, 1915).	To examine and select bales of cotton available in the different markets which are suitable for use in making up copies of the United States official cotton standards.	162.24	Determining cotton standards and spot markets.
Stewart, M. M.	Specialist in marketing perishable products.	Pittsburgh, New Castle, New Kensington, Leechburg, Tarentum, Braddock, Pa. (July 27-Aug. 29, 1914).	To study market conditions in consuming centers in various States, and to trace shipments of farm products from point of origin to point of destination.	161.23	Marketing and distributing farm products, 1915.
Do.	do.	Cleveland, Ohio (Aug. 30-Sept. 26, 1914).	do.	120.00	Do.

Do.....	do.....	Cleveland, Ohio: Buffalo, Lockport, Alban, Rochester, New York, N. Y. (Sept. 27-Oct. 31, 1914).....	157.83	Do.
Do.....	do.....	New York, N. Y. (Nov. 1-14, 1914).....	68.70	Do.
Do.....	do.....	New York, N. Y.; Baltimore, Md. (Nov. 13-Dec. 3, 1914).....	91.50	Do.
Do.....	do.....	Jacksonville, Fla.; Savannah, Brunswick, Ga. (Jan. 7-23, 1915).....	113.90	Do.
Do.....	do.....	Norfolk, Va. (Apr. 12-16, 1915).....	22.60	Do.
Do.....	do.....	Knoxville, Harriman, Harriman Junction, Spring City, Dayton, Chattanooga, Tenn.; Decatur, Cullman, Birmingham, York, Sparkman, Ala.; Jackson, Miss. (May 9-18, 1915).....	82.19	Do.
Taylor, Fred.....	Cotton technologist.....	London, Liverpool, Manchester, England; Bremen, Germany; Havre, Paris, France (July 1-Aug. 10, 1914).....	245.73	Do.
Do.....	do.....	New York, N. Y.; Providence, R. I.; New Bedford, Fall River, Boston, Mass. (Mar. 27-Apr. 2, 1915).....	54.25	Do.
Do.....	do.....	Providence, R. I.; New Bedford, Fall River, Boston, Mass. (May 9-17, 1915).....	56.21	Do.
Do.....	do.....	Philadelphia, Pa. (June 9-11, 1915).....	16.55	Do.
Thompson, C. W.....	Specialist in charge of rural organization work.....	New York, N. Y.; White River Junction, Manchester Center, Vt. (July 28-Aug. 1, 1914).....	46.86	Investigation of rural co-operation, 1915.
Do.....	do.....	Chicago, Ill.; Madison, Wis.; Fargo, Valley City, Minn.; N. Dak.; Alexandria, Minneapolis, St. Paul, Minn.; Sioux City, Iowa (Aug. 5-Sept. 5, 1914).....	160.06	Do.
Do.....	do.....	Cincinnati, Ohio; Little Rock, Ark. (Nov. 15-21, 1914).....	112.84	Do.



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## OFFICE OF MARKETS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Thompson, C. W.....	Specialist in charge of rural organization work.	Princeton, N. J. (Dec. 28-31, 1914).....	To interview regarding rural organization work certain gentlemen who will be in Princeton at that time, attending a meeting of the American Economic Association.	\$17.62	Investigation of rural co-operation, 1915.
Do.....	do.....	Oxford, Ohio; St. Louis, Mo.; Fayetteville, Ark. (Feb. 22-27, 1915).	To investigate programs of rural organization activity and to secure information regarding prospective employees in rural organization work.	95.28	Do.
Do.....	do.....	Chapel Hill, N. C. (Mar. 3-5, 1915).....	To investigate matters pertaining to rural credit and other forms of cooperative effort in those communities.	25.50	Do.
Do.....	do.....	Manassas, Va. (Mar. 26, 1915).....	To confer with farmers' committee of three concerning organization of rural credit association.	1.40	Do.
Do.....	do.....	Charlottesville, Va. (Mar. 31, 1915).....	To secure information concerning rural cooperation, especially rural social conditions in Albemarle County, Va.	6.85	Do.
Do.....	do.....	Chattanooga, Tenn.; Birmingham, Thorsby, Clanton, Montgomery, Auburn, Selma, York, Ala.; Jackson, Miss.; Baton Rouge, New Orleans, La.; Mobile, Ala.; Atlanta, Ga. (Apr. 28-May 13, 1915).	To investigate conditions and facilities for financing of live stock business and other matters in rural credit, delivering an address on "Rural credits" at a meeting of the State Sociological Congress in Montgomery, Ala., securing information with reference to social organization work in the South, and interviewing prospective employees along these lines.	150.14	Do.
Do.....	do.....	New York City (May 20-21, 1915).....	To investigate farm mortgage banking facilities and to interview banking experts along these lines.	18.95	Do.
Do.....	do.....	Chicago, Joliet, Ill.; Omaha, Nebr.; Sioux City, Iowa; Lincoln, Nebr.; Atchison, Topeka, Kans.; Des Moines, Iowa (June 5-19, 1915).	To study conditions of and facilities for making farm mortgage loans and the financing of the business of rural cooperative cattle associations.	133.28	Do.
Truesdell, Leon E.....	Field assistant in rural organization.	Amherst, Brimfield, Springfield, Greenfield, Northampton, Wilbraham, Boston, Mass.; Townshend, Vt. (Feb. 17-Mar. 9, 1915).	To study organized community effort where extensive programs have been carried out and important results accomplished, along the lines of rural social organization.	82.79	Do.

Do.....	Framington, Northampton, Mass. (Apr. 5-12, 1915).	To study efforts toward the coordination of county rural organization activities and methods of encouraging community planning as illustrated in Massachusetts communities.	45.96	Do.	
Do.....	Cambridge, Chestertown, Pikesville, Md. (Apr. 27-30, 1915).	To study the plans, methods and results of organized movements in rural cooperation, especially along social organization lines.	21.86	Do.	
Valgren, V. N.....	Frederick, Middletown, Hagerstown, Md. (Feb. 17-18, 1915).	To investigate the plan of organization, business methods and the results obtained by the farmers' insurance companies, whose headquarters are at the above mentioned places.	8.28	Do.	
Do.....	Sandy Spring, Annapolis, Md. (Mar. 2, 1915).	To interview officers of the Mutual Fire Insurance Co. at Sandy Spring, Md., and acquire information from the records of other Maryland insurance companies in the office of the insurance commissioner in Annapolis relative to cooperation among farmers in matters of insurance.	5.00	Do.	
Do.....	Rocky Mount, Raleigh, Graham, Salisbury, Charlotte, Hickory, Newton, N. C. (Mar. 17-25, 1915).	To secure information concerning the North Carolina plan for farmers' insurance.	52.71	Marketing and distributing farm products, 1915.	
Do.....	Richmond, Chester, Petersburg, Lynchburg, Rustberg, Salem, Belspring, Pembroke, Harpers Ferry, Harrisonburg, Mount Sidney, Staunton, Lexington, Amherst, Midland, Va. (Apr. 13-28, 1915).	To study methods and plans used and results obtained by the farmers' mutual insurance companies of Virginia and West Virginia.	92.69	Investigation of rural cooperation, 1915.	
Do.....	Harrisburg, Pa.; New York, N. Y.; Providence, R. I.; Boston, Mass.; Hartford, Conn. (May 7-15, 1915).	To study the plans and methods of millers and manufacturers' mutual insurance companies in these places, with a view to applying their experiences to the problems of farmers' mutual elevator insurance.	55.99	Do.	
Do.....	Crawfordsville, Ind.; Chicago, Ill.; Iowa Falls, Iowa; Booge, S. Dak.; Lincoln, Nebr.; Washington, Ill. (May 28-June 13, 1915).	To confer with the officials of the National Council of Farmers' Cooperative Associations and others concerning the problem of a suitable organization for the insurance of farmers' elevators in the grain States of middle west.	93.88	Do.	
Vye, John A.....	La Crosse, Wis.; Freeburg, Minn.; Harmony, Austin, Hutchinson, St. Peter, Shafer, Lindstrom, Minn.; Madison, Wis. (July 5-Aug. 1, 1914).	To study the marketing of butter, and to conduct a survey of sources of supply and facilities for storing and shipping butter.	96.99	Marketing and distributing farm products, 1915.	
Do.....	Howard Lake, Minn.; Fargo, N. Dak.; Alexandria, Forada, Forest Lake, Albertville, Monticello Elk River, Rosemount, Farmington, Lakeville, Taylors Falls, Rochester, Duluth, Minn. (Aug. 2-29, 1914).	.....do.....	96.08	Do.	

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## OFFICE OF MARKETS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Walleigh, C. H.....	Officer in charge of supplies and accounts.	Baltimore, Md. (Feb. 10, 1915).....	To confer with dealers regarding the furnishing of forms necessary to carry into effect the provisions of the United States cotton futures act.	\$1. 50	Determining cotton standards and spot markets.
Warber, G. P.....	Scientific assistant.....	St. Paul, Minn. (Oct. 9-31, 1914).....	To study the marketing of butter in the various States, and to conduct a survey of the sources of supply and facilities for storing and shipping butter in these States.	82. 95	Marketing and distributing farm products, 1915.
Do.....	do.....	St. Paul, Minn.; Chicago, Ill. (Nov. 1-28, 1914).....	do.....	140. 50	Do.
Do.....	do.....	St. Paul, Minn. (Nov. 29-Dec. 31, 1914)....	To study the marketing of butter in the State named, especially by farmers' cooperative creameries, and to conduct a survey of the sources of supply and facilities for storing and shipping butter in this State.	105. 00	Do.
Do.....	do.....	New Orleans, La.; Jackson, Miss.; Birmingham, Ala.; Atlanta, Savannah, Ga.; Charleston, S. C.; Greensboro, N. C. (Jan. 9-26, 1915).	To consult with State and local officials, commission merchants, transportation agencies, and others interested in the handling and marketing of farm products and especially dairy products, for the purpose of determining quantity and quality consumed, sources of supply, and possibility of development of markets for local products.	145. 70	Do.
Do.....	do.....	St. Paul, Minn. (Feb. 5-8, 1915).....	To investigate the facilities, conditions, and cost of marketing farm products, especially dairy products.	107. 75	Do.
Do.....	do.....	Chicago, Ill.; Madison and Reedsburg, Wis.; St. Paul, Duluth, Bemidji, Wadena, Eagle Bend, Long Prairie, South Center, St. Paul, Minn. (May 1-26, 1915).	To investigate the facilities, cost, and shrinkage in transportation of creamery butter, and to make a study of terminal markets.	168. 61	Do.
Do.....	do.....	St. Paul, Wadena, Long Prairie, Osakis, Minn.; Chicago, Ill.; Buffalo, N. Y. (June 1-3, 1915).	do.....	140. 31	Do.
White, G. C.....	Specialist in transportation of farm products.	Boston, Mass.; Bangor, Portland, Me.; Concord, N. H.; St. Albans, Burlington, Rutland, Vt. (July 14-Aug. 1, 1914).	To investigate transportation problems connected with the marketing of milk.	162. 50	Do.



Do.....do.....	Atlanta, Ga.; Birmingham, Ala.; Nashville, Tenn. (Jan. 17-24, 1915).	To secure information concerning the movement of foodstuffs and agricultural products into the South from distant sections, and to confer with railroad officials in relation to securing their cooperation in certain phases of the work of the Office of Markets and Rural Organization.	89.84	Do.
Do.....do.....	Charleston, S. C. (Feb. 10-13, 1915).	To investigate grain rates from South Carolina points to South Carolina and other points.	37.10	Do.
Do.....do.....	Columbia, S. C. (Feb. 15-18, 1915).	To investigate grain freight rates in and from South Carolina.	36.60	Do.
Do.....do.....	Baltimore, Md. (Mar. 4, 1915).	To attend a meeting of traffic men to discuss methods whereby carriers can assist in marketing and distributing farm products.	1.50	Do.
Do.....do.....	Chicago, Ill.; Boston, Mass.; New York, N. Y. (Mar. 22-27, 1915).	To attend a meeting of freight claim association and to attend a conference of transportation men to discuss transportation of milk to Boston, and to lead assistance to the Boston Chamber of Commerce in certain phases of the transportation of milk to that city, and to secure from files of American Electric Railway Association data in regard to electric railway freight service as affecting the distribution of farm products.	88.25	Do.
Do.....do.....	Atlanta, Ga. (Apr. 19-22, 1915).	To attend a meeting of the Southeastern Claim Conference at Atlanta, and investigate the loss and damage sustained at times at Louisville and Cincinnati on account of delay from congested terminals, in accomplishing diversion and reassignment, and delay due to embargoes placed by lines from those points in connection with the marketing and distributing of farm products.	48.50	Do.
Do.....do.....	Chattanooga, Tenn. (May 2-6, 1915).	To arrange with officials of the Southern Express Co. to furnish certain information regarding movement of perishable commodities, to be used in connection with the market news service.	61.00	Do.
Do.....do.....	Columbia, S. C. (May 10-13, 1915).	To attend a conference of grain growers, railroad officials, and the South Carolina Railroad Commission, to discuss and endeavor to secure more favorable intrastate freight rates on farm products.	21.30	Do.
Do.....do.....	Fort Worth, Dallas, Tex.; Jacksonville, Fla.; Austin, San Antonio, Houston, Milano, Terrell, Mineola, Tyler, Denison, Tex.; Oklahoma City, Okla.; Springfield, St. Louis, Mo.; Chicago, Ill.; Detroit, Mich. (May 31-June 27, 1915).	To attend a meeting of the Southwestern Claim Conference at Fort Worth and arrange with railroad officials to furnish a report of movements of perishable commodities in connection with the market news service.	264.04	Do.

*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

### INSECTICIDE AND FUNGICIDE BOARD.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Balls, A. K.	Assistant chemist.	Points in Pennsylvania, New Jersey, New York, Connecticut, Rhode Island, Massachusetts, and New Hampshire (May 28-June 14, 1915).	To examine and test fumigated Egyptian and other foreign cotton for the presence of hydrocyanic-acid gas.	\$92.12	Enforcement of the plant quarantine act, 1915.
Haywood, J. K.	Chairman of the insecticide board.	New York, N. Y. (May 4-6, 1915).	To inspect manufacturing of insecticides and fungicides.	24.25	Enforcement of the insecticide act, 1915.
Do.	do.	St. Louis, Mo.; Milwaukee, Wis.; Minneapolis, Minn.; Chicago, Ill. (June 8-16, 1915).	To attend a meeting of the American Feed Manufacturers' Association at St. Louis as a representative of the department; the other points to inspect mills and secure information relative to the manufacture of stock feeds, etc., in connection with the enforcement of the food and drugs act.	112.66	Enforcement of the food and drugs act, 1915.
Knight, O. D.	Assistant chemist.	Newark, N. J. (June 3-5, 1915).	To appear as witness in a case reported for prosecution under the insecticide act of 1910.	20.81	Enforcement of the insecticide act, 1915.
McDonnell, C. C.	Chief insecticide and fungicide laboratory.	New York, N. Y. (May 4-6, 1915).	To inspect manufacturing of insecticides and fungicides.	24.15	Do.
Monarch, J. L.	Chief clerk and inspector.	Baltimore, Md. (Feb. 20, 1915).	To collect samples.	2.45	Do.
Shibley, J. G.	Executive officer and inspector.	Allenstown, Pa. (Dec. 2-3, 1915).	To investigate a manufacturer of insecticides and fungicides.	16.79	Do.
Do.	do.	Philadelphia, Pa. (Apr. 22-23, 1915).	To collect samples.	14.40	Do.
Wallace Errett	Plant pathologist.	Rochester, Sodus, Ithaca, Lockport, Middleport, Gasport, N. Y. (Aug. 28-Sept. 5, 1914).	To observe the results obtained by spraying fruit trees.	49.21	Do.
Do.	do.	Hagerstown, Md. (Apr. 27-28, 1915).	To observe the results of tree medication.	14.42	Do.

### FEDERAL HORTICULTURAL BOARD.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Beattie, R. Kent.	Pathological inspector.	New York, N. Y.; Rutherford, N. J.; Morrisville, Pa.; and other points in the States named (Aug. 31-Sept. 3, 1914).	To study the problem of orchid inspection and the bearing of condemnation of stock or of a quarantine upon the orchid business in the United States.	\$24.74	Enforcement of the plant quarantine act, 1915.
Do.	do.	Points in Florida, Alabama, Mississippi, Louisiana, Texas, Georgia, and North Carolina (Oct. 26-Nov. 14, 1914).	To study the citrus canker situation and the necessity for a Federal quarantine and to inspect nursery stock.	202.45	Do.
Do.	do.	Points in Alabama, Mississippi, Louisiana, and Texas (Dec. 5-24, 1914).	do.	223.39	Do.

Do.....	do.....	Philadelphia, Pa. (Dec. 28, 1914-Jan. 2, 1915).	To attend a conference on potato-seed inspection and to present papers before the Association of Horticultural Inspectors and the Phytopathological Society.	22.12	Do.
Do.....	do.....	Philadelphia, Pa. (Apr. 22-23, 1915).....	To confer with department quarantine inspector relative to the inspection of potatoes from the quarantined area.	14.90	Domestic potato quarantine, 1915.
Do.....	do.....	Portland, Me., and points in Pennsylvania, New York, Connecticut, Rhode Island, and Massachusetts (Apr. 27-May 4, 1915).	To consult with the superintendent of the Federal potato inspection service and to confer with quarantine inspectors.	74.03	Domestic potato quarantine, 1915-16.
Do.....	do.....	Portland, Me., and points in Pennsylvania, Connecticut, Rhode Island, Massachusetts, and Vermont (May 21-27, 1915).	.....do.....	79.26	Domestic potato quarantine, 1915.
Do.....	do.....	Points in Virginia, North Carolina, and South Carolina (June 14-17, 1915).	To make a survey of the potato districts for powdery scab and to confer with quarantine inspectors.	32.35	Enforcement of the plant quarantine act, 1915.
Goss, R. W.....	Assistant pathological inspector.	Norfolk, Va.; Louisville, Ky.; Columbia, Tenn.; and other points in the States named (June 19-30, 1915).	To conduct a survey for powdery scab of potatoes.	97.38	Do.
Hunter, W. D.....	Member Federal Horticultural Board.	Boston, Mass.; New York, N. Y. (Aug. 13-17, 1914).	To confer with cotton interests relative to means of safeguarding against the entry of the pink bollworm with baled cotton, and to confer with department officials relative to the enforcement of the gypsy-moth and brown-tail moth quarantines.	49.45	Do.
Do.....	do.....	Philadelphia, Pa. (Dec. 28, 1914-Jan. 1, 1915).	To attend a conference on potato-seed inspection and the meetings of the Association of Horticultural Inspectors.	24.50	Do.
Do.....	do.....	Points in North Carolina, South Carolina, and Georgia (Feb. 15-20, 1915).	To confer with officials of cotton mills relative to the proposed quarantine against the pink bollworm.	82.50	Do.
Do.....	do.....	New York, N. Y.; Boston, Mass. (Feb. 25-Mar. 1, 1915).	To confer with importers of Egyptian cotton regarding methods of handling with a view to safeguarding against the introduction of the pink bollworm.	46.55	Do.
Do.....	do.....	Pittsburgh, Pa. (Apr. 15-16, 1915).....	To consult with designing engineers relative to a special retrofit for the fumigation on a large scale of imported cotton lint.	22.95	Do.
Kellerman, Karl F.....	Member, Federal Horticultural Board.	Sunbury, Lewisburg, and other points in Pennsylvania (June 9-10, 1915).	To examine chestnut groves and nurseries with the object of securing further information on the chestnut bark disease to determine the advisability of a quarantine on account of this disease.	14.50	Do.
Lyman, George R.....	Pathological inspector.	New York, N. Y.; New Bedford, Boston, and other points in Massachusetts (June 24-30, 1915).	To inspect potatoes for powdery scab and to confer with quarantine inspectors.	24.88	Domestic potato quarantine, 1915.
McClintock, James A.....	do.....	Hastings, Fla.; Savannah, Ga.; Charleston, S. C.; Wilmington, N. C.; Norfolk, Va., and other points in the States named (May 12-June 11, 1915).	To make inspections of potatoes for powdery scab.	233.38	Enforcement of the plant quarantine act, 1915.



*Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.*

FEDERAL HORTICULTURAL BOARD—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Marlatt, C. L.....	Chairman, Federal Horticultural Board.	Caribou, and other points in Maine (Aug. 3-8, 1914).	To confer with quarantine inspectors and potato shippers.	\$83.10	Domestic potato quarantine, 1915.
Do.....	do.....	Philadelphia, Pa. (Dec. 29-30, 1914).....	To attend a conference on potato-seed inspection and the meetings of the Association of Horticultural Inspectors.	18.10	Enforcement of the plant quarantine act, 1915.
Do.....	do.....	New York, N. Y.; Boston, Mass. (Mar. 13-18, 1915).	To confer with inspectors of the board relative to the enforcement of the plant quarantine act and quarantines established thereunder.	44.20	Do.
Do.....	do.....	Caribou, and other points in Maine (Mar. 13-18, 1915).	To secure first-hand knowledge of the Maine potato situation.	36.15	Domestic potato quarantine, 1915.
Moreland, R. W.....	Scientific assistant.....	Points in Virginia, North Carolina, South Carolina, Tennessee, Georgia, Florida, Mississippi, and Alabama (Nov. 1-30, 1914).	To determine whether or not the pink boll worm of cotton has become established in the vicinity of mills receiving foreign cottons.	119.18	Enforcement of the plant quarantine act, 1915.
Orton, W. A.....	Vicechairman, Federal Horticultural Board.	New York, N. Y.; Jersey City, N. J.; Boston, Mass.; Caribou, Me., and other points in the States named (Oct. 25-30, 1914).	To confer with quarantine inspectors in connection with inspection work.	78.98	Do.
Do.....	do.....	Ithaca, N. Y. (Feb. 8-10, 1915).....	To address the meetings on potato day of Cornell University Farmers' Week on "The workings of the plant quarantine act with particular reference to potato quarantines."	24.16	Do.
Pratt, O. A.....	Scientific assistant.....	Points in Virginia, Maryland, Delaware, and New Jersey (July 7-Aug. 8, 1914).	To inspect potatoes for powdery scab.....	142.04	Do.
Do.....	do.....	Points in Pennsylvania, New York, and Massachusetts (Feb. 21-Mar. 13, 1915).	To assist in the inspection and certification of domestic potatoes covered by quarantine and of imported potatoes offered for entry.	50.60	Do.
Do.....	do.....	Caribou, Me. (Feb. 21-Mar. 13, 1915).....	To assist in the inspection and certification of domestic potatoes covered by quarantine.	85.00	Domestic potato quarantine, 1915.
Rogers, J. T.....	Assistant pathological inspector.	Norfolk, Va., and other points in that vicinity (June 21-27, 1915).	To inspect potatoes for powdery scab and to confer with quarantine inspectors.	31.00	Enforcement of the plant act, 1915.
Sasscer, E. R.....	Chief inspector.....	Points in Louisiana, Texas, Arizona, New Mexico, and California (Nov. 9-Dec. 6, 1914).	To consult with customs officials, local inspectors, collaborators, and various entomologists, and to inspect seed plant introduction gardens at Chico, Cal.	391.06	Do.
Do.....	do.....	Philadelphia, Pa. (Dec. 29-30, 1914).	To present a paper at the meetings of the Association of Horticultural Inspectors.	15.37	Do.
Do.....	do.....	Points in Florida (Dec. 30, 1914-Jan. 16, 1915).	To inspect the plant introduction gardens at Miami and Brooksville and to visit various ports of entry to consult with collectors of customs.	161.96	Do.

Do.....	.....do.....	Points in Pennsylvania, New Jersey, New York, Connecticut, Rhode Island, Massachusetts, and New Hampshire (May 28-June 9, 1915).	To examine and test fumigated Egyptian and other foreign cotton for the presence of hydrocyanic-acid gas.	100.79	Do.
Spaulding, Perley.....	Pathological Inspector.	Points in Maine, New Hampshire, Vermont, Massachusetts, Connecticut, Rhode Island, and New York (July 2-Aug. 4, 1915).	To examine the white pine blister rust situation and to investigate blister rusts of imported and native pines.	52.61	Do.
Sudworth, Geo. B.....	Member, Federal Horticultural Board.	New York, N. Y.; Boston, Mass. (Mar. 13-18, 1915).	To confer with inspectors of the board relative to the enforcement of the plant quarantine act and the quarantines established thereunder.	43.30	Do.
Do.....	.....do.....	Caribou and other points in Maine (Mar. 13-18, 1915).	To secure first-hand knowledge of the Maine potato situation.	35.50	Domestic potato quarantine, 1915.
Do.....	.....do.....	Pittsburgh, Pa. (Apr. 15-16, 1915).....	To consult with designing engineers relative to a special retort for the fumigation on a large scale of imported cotton lint.	23.10	Enforcement of the plant quarantine act, 1915.
Do.....	.....do.....	Sunbury, Lewisburg, and other points in Pennsylvania (June 9-10, 1915).	To examine chestnut groves and nurseries with the object of securing further information on the chestnut bark disease to determine the advisability of a quarantine on account of this disease.	15.00	Do.
Swartz, Rexford K.....	Clerk.....	Caribou, Me. (July 24-Aug. 7, 1914).....	To travel to new assignment in the field.....	36.90	Domestic potato quarantine, 1915.



## RECAPITULATION BY APPROPRIATIONS.

General expenses, Weather Bureau, 1915:	
Traveling expenses.....	\$2,642.56
General expenses, Bureau of Animal Industry, 1915:	
Inspection and quarantine.....	9,072.11
Eradicating cattle ticks.....	210.69
Dairy industry.....	8,493.03
Animal husbandry.....	3,103.93
Military horse breeding.....	196.84
Poultry feeding and breeding.....	1,543.47
Imported sheep.....	1,294.62
Diseases of animals.....	144.12
Administrative expenses.....	376.07
Meat inspection, 1915.....	4,368.02
Investigation, etc., of hog cholera and dourine:	
Hog cholera.....	722.36
Viruses, serums, and toxins.....	787.59
Experiments and demonstrations in live-stock production, 1915.....	116.19
Eradication of foot-and-mouth disease, 1915.....	17,665.28
Eradication of foot-and-mouth and other contagious diseases of animals, 1915-16.....	5,485.19
General expenses, Bureau of Plant Industry, 1915:	
Pathological laboratory.....	761.26
Fruit diseases.....	217.98
Forest pathology.....	444.35
Cotton and truck diseases.....	2,450.10
Crop physiology.....	154.07
Bacteriology and nutrition.....	593.88
Crop acclimatization.....	1,475.84
Drug and other plants.....	380.80
Crop technology.....	704.30
Cotton standardization.....	22.90
Cotton testing.....	822.65
Grain standardization.....	1,341.93
Biophysical investigations.....	625.72
Seed-testing laboratory.....	663.58
Cereal investigations.....	3,287.47
Corn improvements.....	697.48
Tobacco investigations.....	229.95
Forage-crop investigations.....	2,428.36
New and rare seeds.....	158.73
Paper-plant investigations.....	764.20
Alkali and drought-resistant plants.....	920.74
Sugar-beet investigations.....	1,604.85
Table sirup.....	309.64
Economic and systematic botany.....	1,111.68
Farm management.....	1,889.42
Demonstrations outside of cotton belt.....	347.61
Farmers' cooperative demonstrations.....	171.65
Dry-land agriculture.....	975.21
Western irrigation agriculture.....	516.94
Pomological investigations.....	1,034.65
Horticultural investigations.....	1,094.38
Foreign seed and plant introduction.....	1,383.68
Administrative and miscellaneous.....	156.95
Purchase and distribution of valuable seeds, 1915.....	860.37
Demonstration on reclamation projects, 1915.....	144.05
Cooperative investigations for the eradication of citrus canker.....	601.68
General expenses, Forest Service, 1915:	
Forest products.....	3,702.89
National forest range investigations.....	1,715.15
Silvical investigations.....	5,584.81
Miscellaneous forest investigations.....	1,265.75
General administration.....	15,636.22
Acquisition of lands for protection of watersheds of navigable streams.....	1,365.87
Cooperative fire protection of forested watersheds of navigable streams.....	319.53
Cooperative work, Forest Service.....	85.20
General expenses, Bureau of Chemistry, 1915:	
Agricultural investigations.....	2,280.70
Collaboration with other departments.....	96.45
Poultry and egg investigations.....	38.90
Fish investigations.....	1,184.74
Oyster and other shell-fish investigations.....	821.96
Biological investigations.....	249.04
Enforcement of the food and drugs act, 1915.....	15,905.05
Naval stores investigations, 1915.....	621.22
General expenses, Bureau of Soils, 1915:	
Chemical investigations.....	86.70
Physical investigations.....	360.64
Soil fertility investigations.....	76.32
Investigations of fertilizer resources.....	2,599.23
General expenses, Bureau of Entomology, 1915:	
Deciduous fruit insects.....	708.49
Cereal and forage insects.....	374.42
Southern field crop insects.....	1,771.38
Forest insects.....	865.13
Truck crop and stored product insects.....	228.20
Bee culture.....	460.64
Miscellaneous insects.....	281.20



Preventing spread of moths, Bureau of Entomology, 1915.....	\$366.80
General expenses, Bureau of Biological Survey, 1915:	
Game preservation.....	43.80
Food habits of birds and mammals.....	2,306.16
Exterminating ground squirrels on national forests.....	284.50
Investigating diseases of wild ducks in Salt Lake Valley.....	1,140.12
Biological investigations.....	2,872.81
Administrative expenses.....	429.71
Protection of migratory birds.....	733.89
General expenses, Bureau of Crop Estimates, 1915:	
Field investigations.....	1,699.52
Miscellaneous expenses, Department of Agriculture, 1915.....	798.65
Agricultural experiment stations, 1915:	
Miscellaneous expenses.....	2,221.35
Farmers' institutes.....	1,984.46
Nutrition investigations, 1915.....	657.99
Irrigation investigations, 1915.....	668.07
Drainage investigations, 1915.....	1,739.70
General expenses, Office of Public Roads, 1915:	
Road management.....	5,525.17
Investigating road building and maintenance.....	6,953.03
Road material.....	2,038.99
Field experiments.....	2,207.69
Administrative expenses.....	617.79
Enforcement of the insecticide act, 1915.....	276.49
Enforcement of the plant quarantine act, 1915.....	3,838.79
Domestic potato quarantine, 1915.....	395.69
Domestic potato quarantine, 1915-16.....	74.03
Marketing and distributing farm products, 1915.....	28,229.87
Investigation of rural cooperation, 1915.....	1,945.99
Determining cotton standards and spot markets.....	5,067.41
International Dry Farming Congress, Wichita, Kans., 1915.....	1,481.99
Total.....	222,857.41



